INDEX TO VOLUME 26

AUTHORS INDEX

In this index following the author's name the title of the subject is given as it appeared in the JOURNAL.

A

ABRAMSON, H. A., AND MOORE, D. H. A discussion of electrophoresis with special reference to serum and allergens, 174
ACKLEY, A. B. (*See* WALDBOTT, BLAIR, AND ACKLEY), 1593
ADAMS, GEORGE. (*See* ASHWORTH AND ADAMS), 1934
ALEXANDER, H. L. Treatment of allergic disorders with histamine and histaminase, 110
ALLEN, ARTHUR C. (*See* ROSENBERG AND ALLEN), 1652
ALLEN, FREDERICK M. Combinations of lead, arsenic, and other chemicals with experimental asphyxia of tumors, 1120
ALLES, GORDON A. (*See* HAWES AND ALLES), 845
ALLIN, ROBIN N., AND MEYER, OVID O. The development of eosinophilia following liver therapy, 457
ANDERSEN, ALFRED C. (*See* SACHS, LEVINE, ANDERSEN, AND SCHMIT), 734
ANDERSON, EDWARD R. (*See* KARABIN AND ANDERSON), 723
ANDERSON, FREDERICK F. A glass-capsule manometer for recording the blood pressure, 1520
ANDES, ERLENE J. (*See* ANDES, VAN LIERE, ANDES, AND VAUGHN), 530
ANDES, JEROME E., VAN LIERE, EDWARD J., ANDES, ERLENE J., AND VAUGHN, PAUL. Guanidine-like substances in blood. VII. Guanidine and other blood constituents in experimental anoxemia, 530
ANDREWS, K. R., AND MUETHER, R. O. Effect of diet on arterial and venous glucose tolerance curves in rheumatoid arthritis, 675
ANDREWS, MASON C., AND STRAUSS, ARNOLD F. Comparative study on a new simple method of sulfanilamide determination in blood, 887
APPERLY, FRANK L. (*See* FISHER AND APPERLY), 823
APPLEBAUM, H. S. (*See* BERGER AND APPLEBAUM), 785
ARIEFF, ALEX J. (*See* SHERMAN AND ARIEFF), 836
ARMSTRONG, HARRY G. (Capt.), AND HEIM, J. W. Medical problems of high altitude flying, 263
ASHWORTH, CHARLES T., AND ADAMS, GEORGE. Blood specific gravity studies, 1934
—, AND TIGERTT, W. D. A simple rapid method for determining relative blood volume changes by specific gravity studies, 1545
AVRIN, IRA. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY), 996

B

BAKER, CHARLES P. (*See* KEEGAN AND BAKER), 319
BAPTIST, MARGARET. (*See* CUYLER AND BAPTIST), 881
BARACH, ALVAN L., AND MOLOMUT, NORMAN. A study of the therapeutic effect of sulfapyridine in pneumococcus infected mice in atmospheres of varying oxygen tension, 1915
BARER, ADELAIDE, P. (*See* FOWLER AND BARER), 832
—, AND FOWLER, WILLIS M. A comparison of the hemoglobin response to varying dosages of iron, 1482
—, AND —. The effect of iron on phosphorus, calcium, and nitrogen metabolism, 351
BARKAN, GEORG. Hemoglobin estimation with undiluted reduced blood, 1823
BARKER, M. HERBERT. (*See* DAVIS AND BARKER), 658
BARNETT, A. Techniques for obtaining electroencephalograms using ocular and intranasal electrodes, 1659
BARTELS, ELMER C. Hippuric acid liver function test: intravenous method, 1330
BASSETT, LUCY. (*See* SELYE, BASSETT, AND NIELSEN), 1849
BEACH, ELIOT F. (*See* ERICKSON, HOFFMAN, BEACH, WILLIAMS, AND MACY), 1492
—. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY. With the assistance of Avrin, Shepherd, Souders, Teague, and Hoffman), 996
BEATTIE, MARGARET. The use of a single guinea pig for virulence testing, 863
BECK, GILBERT M. (*See* HUBBARD AND BECK), 535
BELLIS, CARROLL J. A rapid method for determining specific gravity of body fluids by the falling drop principle, 564
BENNETT, DUDLEY W. Sodium and potassium studies in persons with and without arterial hypertension, 344
BENNETT, RICHARD H. (*See* LOUGHLIN, SPITZ, AND BENNETT), 1181
—. (*See* SPITZ, LOUGHLIN, AND BENNETT), 1284
BENSON, LOUIS, AND ROGERS, EDWARD J. The blood sedimentation rate in healthy girls, 987
BEOHM, E. E. An aid in the injection of the ear vein of the rabbit, 1956
BERGER, S. S., AND APPLEBAUM, H. S. Toxic hepatitis due to sulfanilamide, 785
BERNHEIM, FREDERICK. Interaction of vitamins and drugs with cell catalysts, 20
BERNSTEIN, MITCHELL, AND SIMKINS, SAMUEL. The magnesium content of the blood serum and urine, 521
BIERBAUM, RUTH L. (*See* KLASSEN, BIERBAUM, AND CURTIS), 365
BIGURIA, FERNANDO, AND FOSTER, SAWYER. The formol-gel reaction, 1211
BILL, A. H. (*See* MULL AND BILL), 1487
—. (*See* MULL, BILL, AND SKOWRONSKA), 1305
BIRNKRANT, W. B. The influence of the parotid gland on blood sugar, 1009
BIXBY, E. W. (*See* WIESE AND BIXBY), 624
BLACK, L. A. (*See* FABER AND BLACK), 1599
BLAIR, K. E. (*See* WALDBOTT, BLAIR, AND ACKLEY), 1593
BLANDAU, RICHARD J., AND JORDAN, EDWIN S. A technique for the artificial insemination of the white rat, 1361
BLATHERWICK, N. R. (*See* EWING AND BLATHERWICK), 395
BLICKE, F. F. Development of the new organic chemicals for therapeutic use, 131
BLICKENSDORFER, PHILIP, AND BONE, J. A. The action of epinephrine injected into the pericardial sac, 297
BLUMENTHAL, REUBEN R. (*See* GERLOUGH, BLUMENTHAL, AND PALMER), 1461
BODON, GEORGE R. A case of Strongyloides stercoralis infestation, 1608

BOHROD, MILTON G. Decreased fragility of erythrocytes interfering with leucocyte count, 1953
BONDI, AMEDEO, JR. A rapid method for staining blood smears in determining opsonocytophagic indices, 1811
BONE, J. A. (*See* BLICKENSDORFER AND BONE), 297
BONNEY, CHARLES W. Primary malignant tumors of the spleen with report of a case of lymphosarcoma, 630
BOSSE, MILTON D. Effect of histaminase on the Shwartzman phenomenon, 1432
BOYD, LINN J. (*See* PICCIONE AND BOYD), 766
BRAGG, LOIS M. An economical and efficient distilling dust trap, 700
BRAITBERG, LEO D. Variation of the organized sediment following pyridium administration in urinary infections, 1768
BREAZEALE, EDWARD L. (*See* GREENE AND BREAZEALE), 791
—, GREENE, ROBERT A., AND HARDING, HARRY B. A comparison of the Hinton, Kahn, Kline, and Mazzini tests for syphilis, 637
BROEKER, A. G. (*See* MAISON AND BROEKER), 857
BRONFENBRENNER, J. The mechanism of bacterial allergy, 102
BROUGHER, C. (*See* DAMON AND BROUGHER), 1789
BRUCE, J. GRAHAM, AND CASWELL, MARGARET. Precipitin reactions in rheumatoid arthritis, 464
BRUGER, MAURICE, HINTON, J. WILLIAM, AND LOUGH, WALTER G. The iodine content of blood, urine, and saliva of normal persons in the New York City area, 1942
BUCHER, GLADYS. (*See* IVY, NELSON, AND BUCHER), 1812
BUELL, ARTHUR, AND METTIER, STACY R. Paroxysmal nocturnal hemoglobinuria with hemolytic anemia (Marchiafava-Micheli syndrome), 1434
BURACK, SAMUEL. (*See* SZANTO AND BURACK), 1079
—. (*See* SZANTO, BURACK, AND KREISLER), 1349
—, AND SZANTO, PAUL B. Influence of sodium chloride crystallization by cerebrospinal fluid, 483
BUTLER, MARY FRANCES, AND NADLER, SAMUEL B. Note on a possible source of error in the determination of sulfapyridine and sulfanilamide, 1052
BYRON, CHARLES S. (*See* WISHNOFSKY, KANE, SPITZ, MICHALOVER, AND BYRON), 526

C

CALVIN, D. BAILEY. Plasma volume and plasma protein concentration after severe hemorrhage, 1144
CARROLL, R. P. (*See* HAGGARD, GREENBERG, MILLER, AND CARROLL), 1527
CASWELL, MARGARET. (*See* BRUCE AND CASWELL), 464
CHASTAIN, L. L. (*See* KING AND CHASTAIN), 1375
CHENOWETH, MAYNARD B., CIVIN, HELEN, SALZMAN, CHARLES, COHN, MILTON, AND GOLD, HARRY. Further studies on the behavior of gluconic acid and ammonium gluconate in animals and man, 1574
CHRISTOPHER, G. L. (*See* CROSSLEY, KIENLE, VASSEL, AND CHRISTOPHER), 1500
—. (*See* CROSSLEY, VASSEL, AND CHRISTOPHER), 1635
CIVIN, HELEN. (*See* CHENOWETH, CIVIN, SALZMAN, COHN, AND GOLD), 1574
CLARK, HERMAN. (*See* COLE, CLARK, AND WOMACK), 1679
CLARK, SAM L. (*See* WARD AND CLARK), 1778
CLARKE, CARL DAME. An introduction to illustration (with illustrations by Cone, Elizabeth S., and Clarke, Carl Dame), 740
—. Moulage prosthesis, 901
—. The crayon sauce technique for medical illustration, 1687
—. (*See* WOODLAND, TOWSON, AND CLARKE), 1981
COCA, ARTHUR F. Familial nonreaginic food allergy, 1878
—. Familial nonreaginic food allergy as a predisposing cause of common cold, 757
COCKRELL, SARAH LOUISE. (*See* RUEGSEGGER AND COCKRELL), 1262
COHN, DAVID J., KAPLAN, IRVING, AND JANOTA, MARTHA. The ester-hydrolyzing activity of the central nervous system, 1017
COHN, MILTON. (*See* CHENOWETH, CIVIN, SALZMAN, COHN, AND GOLD), 1574
COLE, JAMES R. L. (*See* LEVITT, LEVY, AND COLE), 290
COLE, WARREN H., CLARK, HERMAN, AND WOMACK, NATHAN A. Preparation of cholesterol emulsion for experimental intravenous administration, 1679
COLMES, ABRAHAM. (*See* JACOBS AND COLMES), 302
COPE, ELLIS P. (*See* SULZBERGER AND COPE), 1403
CORCORAN, A. C., AND PAGE, IRVINE H. Renal aspects of experimental and clinical hypertension, 1713
CORTELL, RUTH. (*See* ROGOFF AND CORTELL), 981
COTTER, JOYCE. (*See* HARTUNG AND COTTER), 1274
—. (*See* HARTUNG, COTTER, AND GANNON), 1750
COULSTON, FREDERICK. The use of diaphane for mounting Giemsa type preparations, 869
COWING, R. F. (*See* WARREN AND COWING), 1014
CROSSLEY, M. L., KIENLE, R. H., VASSEL, BRUNE, AND CHRISTOPHER, G. L. The chemistry of infectious diseases. I. Polarographic study of blood sera in experimental pneumonia in dogs, 1500
—, VASSEL, BRUNO, AND CHRISTOPHER, G. L. The chemistry of infectious diseases. II. Cystine content of the hydrolysates of blood sera in experimental pneumonia in dogs, 1635
CULBERTSON, JAMES T. Specific chemotherapy of giardia infections, 1465
CURTIS, GEORGE M. (*See* KLASSEN, BIERBAUM, AND CURTIS), 365
CUTTER, J. W. A standardized technique for sedimentation rate, 542
CUTTING, REGINALD A. (*See* KOPPANYI AND CUTTING), 1140
CUYLER, W. KENNETH, AND BAPTIST, MARGARET. A clinical method for extraction of urinary androgens preliminary to colorimetric quantitation by Oesting's technique, 881

D

DAMON, S. R., AND BROUGHER, C. A practical method for intrastate evaluation of the performance of serologic tests for syphilis, 1789
DAUBENMIRE, JEAN B. A qualitative and quantitative study of atmospheric pollen at Moscow, Idaho, 311
DAVIS, LOYAL, AND BARKER, M. HERBERT. The depressor action of potassium sulfocyanate before and after bilateral splanchnicotomy in normal and hypertensive dogs, 658
DE KRUIF, PAUL, AND SIMPSON, WALTER M. Possible significance of the inhibitory effect of fever on anaphylactic phenomena, 125
DENT, R. V. The photographic aspect of light reflection from human skin, 1852
DEROW, HARRY A. An inexpensive polarizing device for microscopes, 694
DEUTSCH, FELIX. With the assistance of Ehrentheil, Otto, and Peirson, Octavia. Capillary studies in Raynaud's disease, 1729
DI GIOIA, ALBERT M. Gonococcus complement fixation test, 391
DILL, D. B. (*See* HORVATH AND DILL), 1673

DOAN, CHARLES A. The reticulo-endothelial system: its physiology and pathology, 89
DOLGOPOL, VERA B., AND MARKUS, HELEN Y. Rapid diagnostic method for testing the virulence of corynebacteria, 553
DREW, CHARLES R., AND SCUDDER, JOHN. Studies in blood preservation, 1473
DULKIN, SOL. (*See* KRAUS AND DULKIN), 729
DUNHAM, CHARLES L. The effect of carbon tetrachloride and thyroxin on the development of sensitivity to egg albumen and ragweed pollen extracts in the guinea pig, 1603
DYNIEWICZ, J. M. (*See* STEIGMANN AND DYNIEWICZ), 1148

E

ECKSTEIN, H. C. Recent procedures applicable to problems in lipid metabolism, 184
EHRENTHEIL, OTTO. (*See* DEUTSCH), 1729
EINHORN, MOSES. Oral and nasal simultaneous aspirators and their use in gastroenterology, 1184
ELLIOTT, F. H. (*See* ELLIOTT, RIVERS, ELLIOTT, AND PLATT), 1928
ELLIOTT, K. A. C., RIVERS, T. D., ELLIOTT, F. H., AND PLATT, B. The effects of insulin, metrazol, and electric shock on blood pyruvate, lactate, and glucose, 1928
ELLIOTT, R. H. EGERTON, JR., AND WHIPPLE, MARY A. Observations on the interrelationship of capillary, platelet, and splenic factors in thrombocytopenic purpura, 489
ELLIS, RALPH V., AND MCKINLAY, C. A. Allergic pneumonia, 1427
EMERSON, G. A., NORTHUP, D. W., AND VAN LIERE, E. J. Toxic effects of sulfanilamide, sulfapyridine, and rodilone in anoxia, 479
ERICKSON, BETTY NIMS. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY. With the assistance of Avrin, Shepherd, Souders, Teague, and Hoffman), 996
—, HOFFMAN, OLIVE, BEACH, ELIOT F., WILLIAMS, HAROLD H., AND MACY, ICIE G. Correlated hematologic, physical, and chemical studies of the blood and stroma in polycythemia and beef embryo, 1492
EWING, MARY E., AND BLATHERWICK, N. R. A method of collecting and transporting small blood samples for hemoglobin determination, 395

F

FABER, J. E., JR., AND BLACK, L. A. A comparison of surface tension measurements and hemolytic activity of guinea pig complement, 1599
FALCONER, ERNEST H. (*See* LEONARD AND FALCONER), 648
FANTUS, BERNARD, AND FRANKL, WILLI. The mode of action of bran. I. Effect of bran upon composition of stools, 1774
FARMER, LAURENCE. The histamine treatment of allergic diseases, 802
—. (*See* WECHSLER, FARMER, AND URBAN), 1090
FERGUSON, EDGAR. (*See* PLOTZ, ROTHENBERGER, FERGUSON, AND GINSBURG), 587
FERGUSON, JOHN H. The role of blood clotting anomalies in the hemorrhagic diseases, 52
—, AND GLAZKO, A. J. Heparin, 1559
FETTERMAN, GEORGE H. (*See* MORAN AND FETTERMAN), 1289
FIELD, HENRY, JR., AND MELNICK, DANIEL: Clinical laboratory determination of vitamin nutrition, 45
FISHBACK, DAVID B. A new objective circulation time test (fluorescein method), 1966
FISHER, R. S., AND APPERLY, FRANK L. Meat extractives in studies of gastric function, 823
FLAXMAN, NATHAN. Left ventricular failure due to essential hypertension, 1891
FLINN, FREDERICK B. The appearance of blood bromide after oral ingestion, 1325
FÖLDES, FRANCIS. A new method for determining specific gravity of blood and body fluids, 1370
FORSYTHE, J. R. (*See* THOMAS AND FORSYTHE), 1105
FOSTER, SAWYER. (*See* BIGURIA AND FOSTER), 1211
FOWLER, WILLIS M. (*See* BARER AND FOWLER), 351, 1482
—. (*See* GRAHAM AND FOWLER), 1911
—, AND BARER, ADELAIDE P. The effect of copper and iron on hemoglobin regeneration, 832
FRANKL, WILLI. (*See* FANTUS AND FRANKL), 1774
FREELAND, M. R. (*See* PERNOKIS AND FREELAND), 1177, 1310
—. (*See* PERNOKIS, FREELAND, AND KRAUS), 1978
FRIEDMAN, EMERICK. A cellophane straw used as an ink-writing pointer in kymographic work, 1650

G

GANNON, CATHERINE. (*See* HARTUNG, COTTER, AND GANNON), 1750
GAWRON, O. (*See* MATZNER, WINDWER, GAWRON, AND SOBEL), 682
GERLOUGH, TILLMAN D., BLUMENTHAL, REUBEN R., AND PALMER, JOHN W. Studies on antipneumococcic rabbit serum. I. The correlation between the thermal reaction test in the rabbit and the incidence of clinical reactions in pneumonia patients, 1461
GERSHON-COHEN, J. (*See* SHAY, GERSHON-COHEN, MUNRO, AND SIPLET), 732
GIBBON, JOHN H., JR., AND KRAUL, CHARLES W. An efficient oxygenator for blood, 1803
GIBSON, R. B. (*See* HALL, GIBSON, AND WEED), 330
—. (*See* JOHNSTON AND GIBSON), 399
GINSBURG, VICTOR. (*See* PLOTZ, ROTHENBERGER, FERGUSON, AND GINSBURG), 587
GLAUBIGER, ALBERT. The standardization of pH measurements with a precision glass electrode at various temperatures, 892
GLAZER, ALFRED M. A simplified Westergren sedimentation rate technique, 1516
GLAZKO, A. J. (*See* FERGUSON AND GLAZKO), 1559
GOLD, HARRY. (*See* CHENOWETH, CIVIN, SALZMAN, COHN, AND GOLD), 1574
GOLDBERG, LEON H. Torula infection of the central nervous system, 299
GOLDWATER, LEONARD J. Disturbances in the blood following exposure to benzol, 957
GOOD, W. H. (*See* SHARP, VONDER HEIDE, AND GOOD), 818
GOODFRIEND, SANFORD. (*See* WEISS, SLANGER, AND GOODFRIEND), 1925
GOODPASTURE, ERNEST W. The developing egg as a culture medium, 242
GOODSON, WILLIAM H., JR., AND SHEARD, CHARLES. The photelometric determination of bilirubin in urine with diazobenzenesulfonic acid, 423
GORDON, HAROLD. A method for preparing smears and sections of aspirated sternal marrow, 1784
GRAHAM, J. ANDREW, AND FOWLER, WILLIS M. Behavior of the recipient's leucocyte count following transfusion of preserved blood, 1911
GRAUER, ROBERT C. (*See* WILSON, GRAUER, AND SAIER), 581
GREENBERG, L. A. (*See* HAGGARD, GREENBERG, MILLER, AND CARROLL), 1527
GREENE, JAMES A. The effect of belladonna on the appetite of patients with obesity and with other diseases, 477
—, AND SWANSON, L. W. Alteration of glucose tolerance in patients with disease of pituitary, thyroid, and adrenal glands by changes of diet, 360
—. (*See* SWANSON AND GREENE), 828
GREENE, ROBERT A. (*See* BREAZEALE, GREENE, AND HARDING), 637

—, AND BREAZEALE, EDWARD L. Transient positive serologic tests for syphilis, 791
GREENE, R. L. A new model mouse cage, 701
GREGORY, RAYMOND. The capacity of the kidney to concentrate urine in acute glomerulonephritis, 1160
GREISHEIMER, ESTHER M., HAFKESBRING, ROBERTA, AND MAGALHAES, HULDA. Clearance tests in relation to renal pathology, 796
GRIMMER, RUDOLF V., AND LANGWORTHY, ORTHELLO R. An apparatus to record movement of the extremities, 1344
GRONAU, AXEL. Bacteriologic diagnosis in gonorrhea of the male, 643
GUEST, GEORGE M., AND RAPOPORT, S. Clinical studies of the organic acid-soluble phosphorus of red blood cells in different acidotic states, 190

H

HACHTEL, FRANK W. (*See* SACKS AND HACHTEL), 1024
HADEN, RUSSELL L. Hemolytic anemia, 65
HADLEY, HENRY G. A note on the Visscher-Bowman chemical test for pregnancy, 1374
HAFKESBRING, ROBERTA. (*See* GREISHEIMER, HAFKESBRING, AND MAGALHAES), 796
HAGGARD, H. W., GREENBERG, L. A., MILLER, D. P., AND CARROLL, R. P. The alcohol of the lung air as an index of alcohol in the blood, 1527
HALL, LYNN T., THOMPSON, EDWARD, AND WYRENS, RAYMOND J. Intramuscular administration of sodium sulfapyridine, 314
HALL, W. KNOWLTON, GIBSON, R. B., AND WEED, L. A. Studies on the intravenous injection of colloids. II. Effects of gum acacia on certain functions of the liver with a note on its effects on the production of immune bodies, 330
HARDING, HARRY B. (*See* BREAZEALE, GREENE, AND HARDING), 637
HARNE, O. G. (*See* TEITELBAUM AND HARNE), 1521
HARTMAN, MILTON M. A rapid simple test for sulfanilamide and its derivatives, 401
HARTUNG, EDWARD F., AND COTTER, JOYCE. The effect of gold sodium thiomalate administration on the bacteriostatic properties of the serum in patients with rheumatoid arthritis, 1274
—, —, AND GANNON, CATHERINE. The excretion of gold following the administration of gold sodium thiomalate in rheumatoid arthritis, 1750
HAURY, VICTOR G. Blood serum magnesium in bronchial asthma and its treatment by the administration of magnesium sulfate, 340
HAWES, ROLAND C., AND ALLES, GORDON A. Cholinesterase determinations, 845
HAYNES, ANNE. (*See* RIGDON, HAYNES, AND LIPSCOMB), 1111
HEILBRUN, NORMAN. (*See* HUBBARD AND HEILBRUN), 1206
—, AND HUBBARD, ROGER S. The measurement of the chloroform-soluble fraction of bilirubin in persons with jaundice and its significance, 576
HEIM, J. W. (*See* ARMSTRONG AND HEIM), 263
HENRY, NORMAN W. Technique and comparative values of cross agglutination methods, 557
HENSEL, M. E., AND SHELDON, J. M. Complement fixation with specific allergens in hay fever. I. Problem, procedure, diagnostic value, 1586
HERMAN, CARLTON M. Isopropyl alcohol as a dehydrating agent and preservative for biological specimens, 1788
HERRMANN, GEORGE. Kidney parenchyma, circulating blood plasma, and tissue fluids in diuresis, 211
HERTZMAN, ALRICK B. A simple inexpensive, vertical illuminator for the student microscope, 868
—. A student sphygmoscope, 1192
HILL, ROBERT M., AND TREVORROW, VIRGINIA. Plasma albumin, globulin, and fibrinogen in healthy individuals from birth to adult life. I. A system of microanalysis, 1838
HINTON, J. WILLIAM. (*See* BRUGER, HINTON, AND LOUGH), 1942
HOFFMAN, OLIVE. (*See* ERICKSON, HOFFMAN, BEACH, WILLIAMS, AND MACY), 1492
—. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY), 996
HOLLANDER, ALVIN, AND LANDSBERG, EVA. Acute endocarditis due to an anaerobic pneumococcus, 307
HOLLANDER, EDWARD. A modified tube for tattoo machines, 1525
HOLMBOE, H. S., AND HOLMBOE, R. W. Modified technique for prothrombin determination in blood, 408
HOLMBOE, R. W. (*See* HOLMBOE AND HOLMBOE), 408
HOLMES, FREDERIC E. A simple absorption bulb for use with an ordinary syringe in determining oxygen of the air in an oxygen tent, 1376
HORVATH, S. M., AND DILL, D. B. The conversion of creatinine into creatine in normal urine, 1673
HUBBARD, ROGER S. (*See* HEILBRUN AND HUBBARD), 576
—, AND BECK, GILBERT M. A comparison of the chloride concentrations in whole blood and spinal fluid, 535
—, AND HEILBRUN, NORMAN. The solution and diazotization of bilirubin in chloroform and other organic solvents, 1206
HUBER, CARL P., AND SHRADER, JACK C. A simplified determination of blood prothrombin levels in the newborn, 1379
HUEPER, W. C., AND ICHNIOWSKI, C. T. Experimental studies in cardiovascular pathology. II. Pathologic lesions in organs of cats, guinea pigs, and frogs produced by digitalis poisoning, 1565
HUGHES, JAMES P. (*See* SAIFER, VALENSTEIN AND HUGHES), 1969
HUNTER, THOMAS H. (*See* SHOHL AND HUNTER), 1829

I

ICHNIOWSKI, C. T. (*See* HUEPER AND ICHNIOWSKI), 1565
IVY, A. C., NELSON, DOROTHY, AND BUCHER, GLADYS. The standardization of certain factors in the cutaneous "venostasis" bleeding time technique, 1812

J

JACKSON, DENNIS E. The autonomic nervous system considered in relation to experimental and clinical phenomena, 4
JACOBS, JOHN L., AND COLMES, ABRAHAM. Cutaneous hypersensitivity to iodine, 302
JANOTA, MARTHA. (*See* COHN, KAPLAN, AND AND JANOTA), 1017
JAYTZEFF-JERN, HELEN, AND MELENEY, FRANK L. Studies in bacteriophage VI, 1756
JEFFERSON, NELSON C. (*See* WEST AND JEFFERSON), 1644
JOHNSON, ALLEN S., AND OLIVER, ERNEST B. Effect of ingested iron on tests for occult blood in stools, 727
JOHNSTON, GEORGE W., AND GIBSON, R. B. A distilling apparatus and a procedure for the determination of alcohol in blood and urine, 399
JORDAN, EDWIN S. (*See* BLANDAU AND JORDAN), 1361

K

KAGAN, BENJAMIN M. Elimination of standards and nomograms in the determination of whole blood specific gravity by a falling-drop technique, 1681
KAHN, REUBEN L. The serology of syphilis, 139
KALTREIDER, NOLAN L. (*See* MENEELY AND KALTREIDER), 1357

KANE, ARTHUR. (*See* WISHNOFSKY, KANE, SPITZ, MICHALOVER, AND BYRON), 526
KAPLAN, IRVING. (*See* COHN, KAPLAN, AND JANOTA), 1017
KARABIN, JOHN E., AND ANDERSON, EDWARD R. A simplified micro test of plasma prothrombin, 723
KATO, KATSUJI. A simple and accurate microfragility test for measuring erythrocyte resistance, 703
—. (*See* LI AND KATO), 1314
KATZ, ALBERT. A contrast staining method for hemosiderin pigment in heart-failure cells, 700
KAUFMAN, ROBERT E. False positive serologic reactions for syphilis in infectious mononucleosis, 1439
—, AND VOM SAAL, FREDERICK. Leucocyte changes in acute peritoneal irritation, 468
KEEGAN, J. JAY, AND BAKER, CHARLES P. Giant cell tumor of the frontal bone, 319
KEMPE, L. L., AND SHIPMAN, H. R. A cotton-plug wrapping machine for bacteriologic culture tubes and bottles, 1040
KIENLE, R. H. (*See* CROSSLEY, KIENLE, VASSEL, AND CHRISTOPHER), 1500
KILDUFFE, ROBERT A. Clinical aspects of sulfapyridine therapy, 919
—. Clinical pathology: past, present, and future, 279
KING, E. S., AND CHASTAIN, L. L. A simple and inexpensive microtitration apparatus, 1375
—, AND LUCAS, MARGARET. A study of the blood cells of normal guinea pigs, 1364
—, AND —. Sulfapyridine in experimental brucellosis, 616
KING, WILLIAM L. M., AND MOERSCH, HERMAN J. An evaluation of the combined effects of sulfapyridine and the barbiturates in the treatment of pneumonia, 793
KLASSEN, KARL P., BIERBAUM, RUTH L., AND CURTIS, GEORGE M. The comparative iodine content of whole blood and serum, 365
KLING, DAVID H. A simple modification of Weltmann's coagulation reaction, 1795
KOCH, M. B. (*See* VILTER, KOCH, AND SPIES), 31
KOEHLER, ALFRED E. A simplified apparatus for constant rate injections, 383
KOLMER, JOHN A. Preserved blood "banks" in relation to transfusion in the treatment of disease, 82
KOPPANYI, THEODORE, AND CUTTING, REGINALD A. Further studies on the effect of massive intravenous infusions in narcotic poisoning, 1140
KRAUL, CHARLES W. (*See* GIBBON AND KRAUL), 1803
KRAUS, IDA. (*See* PERNOKIS, FREELAND, AND KRAUS) 1978
—, AND DULKIN, SOL. The determination of hippuric acid in urine, 729
KREISLER, OSCAR. (*See* SZANTO, BURACK, AND KREISLER), 1349
KURUNG, JOSEPH M. (*See* YEGIAN AND KURUNG), 1195

L

LAFFER, NORMAN CALLENDER. A note on Saccharomyces fragilis Jorgensen associated with pathologic conditions in human beings, 294
LANDSBERG, EVA. (*See* HOLLANDER AND LANDSBERG), 307
LANGWORTHY, ORTHELLO R. (*See* GRIMMER AND LANGWORTHY), 1344
LEE, FERDINAND C. (*See* OTENASEK AND LEE), 1266
LENNOX, WILLIAM G. Epilepsy: newer methods of investigation and treatment, 232
LEONARD, A. BYRON, AND LEONARD, ALICE E. A convenient turntable for staining jars, 562
LEONARD, ALICE E. (*See* LEONARD AND LEONARD), 562
LEONARD, MAURICE E., AND FALCONER, ERNEST H. Experimental thrombocytopenic purpura in the guinea pig, 648
LEVINE, PHILIP. On the preservation of specific anti-M and anti-N agglutinins with toluol, 866
LEVINE, VICTOR C. (*See* SACHS, LEVINE, ANDERSEN, AND SCHMIT), 734
LEVITT, ABEL, LEVY, DEXTER S., AND COLE, JAMES R. L. Dissecting aneurysm of the aorta, 290
LEVY, DEXTER S. (*See* LEVITT, LEVY, AND COLE), 290
LEWIS, JULIAN H. An automatic pipette and a new inexpensive pipetting machine, 1668
LEWIS, ROBERT C. (*See* LEWIS, JR., RAVIN, AND LEWIS), 990
LEWIS, ROBERT C., JR., RAVIN, ABE, AND LEWIS, ROBERT C. Studies in dystrophia myotonica. V. Creatine and creatinine excretion, 990
LEWISON, EDWARD F. Acute edematous pancreatitis, 1901
LI, PEI KUANG, AND KATO, KATSUJI. Determination of blood pyruvate in vitamin B_1 deficiency, 1314
LINTZ, ROBERT M. Toxic reactions with gold salts in treatment of rheumatoid arthritis, 1629
LIPSCOMB, ALYS. (*See* RIGDON, HAYNES, AND LIPSCOMB), 1111
LIU, P. Y. (*See* ZIA AND LIU), 1951
LOOSE, FREDERICK. (*See* SIEBERT AND LOOSE), 371
LOUGH, WALTER G. (*See* BRUGER, HINTON, AND LOUGH), 1942
LOUGHLIN, ELMER H. (*See* SPITZ, LOUGHLIN, AND BENNETT), 1284
—, SPITZ, SAMUEL H., AND BENNETT, RICHARD H. A simple nontraumatizing method of inducing pneumococcic infection in albino rats, 1181
LUBINSKY, GEORGE W. (*See* ROSEN AND LUBINSKY), 1799, 1809
LUCAS, MARGARET. (*See* KING AND LUCAS), 616, 1364
LUDDEN, JOHN B. (*See* MEMBER, MCDEVITT, AND LUDDEN), 1012

M

MACHT, DAVID I., AND MACHT, MOSES B. Phytotoxic reactions of some blood sera, 597
MACHT, MOSES B. (*See* MACHT AND MACHT), 597
MACY, ICIE G. (*See* ERICKSON, HOFFMAN, BEACH, WILLIAMS, AND MACY), 1492
—. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY. With the assistance of Avrin, Shepherd, Souders, Teague, and Hoffman), 996
MAECHLING, EUGENIE H. Urinary porphyrin before and after hydrolysis, 1676
MAGALHAES, HULDA. (*See* GREISHEIMER, HAFKESBRING, AND MAGALHAES), 796
MAGATH, THOMAS BYRD. The Takata-Ara test in liver disease, 156
MAISON, G. L., AND BROEKER, A. G. A simple and compact ergograph for student use, 857
MANGUN, GEORGE H. (*See* MYERS AND MANGUN), 199
MARBLE, ALEXANDER. (*See* VARTIAINEN AND MARBLE), 1416
MARCHMONT-ROBINSON, S. W. Effect of vitamin C on workers exposed to lead dust, 1478
MARKUS, HELEN Y. (*See* DOLGOPOL AND MARKUS), 553
MARSHALL, IRVINE H. (*See* MCCHESNEY, SPRAGUE, AND MARSHALL), 1154
MARTIN, GUSTAV J. The use of osteotropic dyes in a modified line test for vitamin D, 714
MATANOVITCH, MIHAJLO. The study of acetylcholine in urine, 842
MATZNER, M. J., WINDWER, C., GAWRON, O., AND SOBEL, A. E. Variations in the composition of gastric juice, 682

MAUN, MARK E. The influence of coronary sclerosis, chronic congestive heart failure, and myocardial fibrosis on cardiac hypertrophy, 1239
MAYER, MAX D. (*See* NEWMAN AND MAYER), 1447
MCCHESNEY, EVAN W. Rapid volumetric determination of urinary sodium, 889
—, SPRAGUE, KIMBALL D., AND MARSHALL, IRVINE H. The effect of sulfanilamide on acid-base balance, 1154
MCCLENDON, J. F. A simplified system of buffers and indicators with or without glass electrodes, 568
MCCLURE, GEORGE Y. High incidence of infective stools in a small outbreak of infantile paralysis, 1906
MCDEVITT, ELLEN. (*See* MEMBER, MCDEVITT, AND LUDDEN), 1012
MCKINLAY, C. A. (*See* ELLIS AND MCKINLAY), 1427
MCLAIN, PAUL L., AND PASTORIUS, GEORGE J. Observations with a photoelectric hemoglobinometer, 1054
MELENEY, FRANK L. (*See* ZAYTZEFF-JERN AND MELENEY), 1756
MELNICK, DANIEL. (*See* FIELD, JR., AND MELNICK), 45
MEMBER, SAMUEL, MCDEVITT, ELLEN, AND LUDDEN, JOHN B. Serum cholesterol studies following the administration of acetyl-β-methylcholine chloride by iontophoresis, 1012
MENDES FERREIRA, ANTONIO E. Relation of the macronucleolus and nucleonucleolar ratio of cancer to histologic grading, 1612
MENEELY, GEORGE R., AND KALTREIDER, NOLAN L. A manually operated ergometer, 1357
METTIER, STACY R. (*See* BUELL AND METTIER), 1434
MEYER, OVID O. (*See* ALLIN AND MEYER), 457
—, AND THEWLIS, ETHEL W. Treatment of polycythemia vera with liver and choline hydrochloride, 1137
MICHALOVER, SAUL. (*See* WISHNOFSKY, KANE, SPITZ, MICHALOVER, AND BYRON), 526
MILLER, D. P. (*See* HAGGARD, GREENBERG, MILLER, AND CARROLL), 1527
MILLER, H. R. (*See* SPIEGEL AND MILLER), 1657
MILLER, J. ROSCOE, AND VAN DELLEN, T. R. Electrocardiographic changes following the intravenous administration of magnesium sulfate. III. Combined effect with digitalis, 1116
MILLER, ROLAND E., AND MOREHEAD, ROBERT P. An inexpensive constant temperature paraffin oven, 559
MODELL, WALTER, AND SALZMAN, CHARLES. The pharmacology of silica, 774
MOERSCH, HERMAN J. (*See* KING AND MOERSCH), 793
MOLOMUT, NORMAN. (*See* BARACH AND MOLOMUT), 1915
MONKE, J. VICTOR. A method for counting the leucocytes in blood containing gum acacia, 1664
—. The anaerobic drawing and sampling of blood for gas analysis, 1685
MOON, VIRGIL H. Capillary factors in processes of disease, 117
MOOR, H. D., AND WALLACE, LUCILLE BROWN. Investigation of protective antibodies produced by oral administration of typhoid vaccine, 1583
MOORE, D. H. (*See* ABRAMSON AND MOORE), 174
MOOSNICK, FRANK. (*See* MURRAY AND MOOSNICK), 382, 801
MORAN, THOMAS J., AND FETTERMAN, GEORGE H. Chromophobe pituitary adenoma with Simmonds' disease, 1289
MOREHEAD, ROBERT P. (*See* MILLER AND MOREHEAD), 559
MORGAN, RUSSELL H., AND WEINHOUSE, SIDNEY. An inexpensive alternating current photoelectric colorimeter, 416
MORRISON, IRA R. Mechanically recording blood sedimentation curves, 1945
MOST, HARRY, AND TEWKSBURY, MARGARET H. Laboratory studies in the falciparum malaria of drug addicts, 1034
MOTLEY, HURLEY L. Inexpensive specific gravity apparatus, 1959
MUETHER, R. O. (*See* ANDREWS AND MUETHER), 675
MULL, J. W., AND BILL, A. H. Blood findings in late pregnancy, 1487
—, —, AND SKOWRONSKA, HELEN. Effect on the newborn of vitamin K administered to mothers in labor, 1305
MÜLLER, OTTO H., AND PERSON, E. COOPER, JR. Syringe type glass electrode for the measurement of blood pH, 884
MUNRO, F. L. (*See* SHAY, GERSHON-COHEN, MUNRO, AND SIPLET), 732
MUNTWYLER, EDWARD. (*See* MYERS AND MUNTWYLER), 441
MURRAY, MAYNARD, AND MOOSNICK, FRANK. Incidence of bacteriemia in patients with dental disease, 801
—, AND —. Simultaneous arterial and venous blood cultures, 382
MUSCHAT, M. Lantern slides: a new technique, 1224
MYERS, VICTOR C., AND MANGUN, GEORGE H. Some chemical observations on the human heart in health and disease, 199
—, AND MUNTWYLER, EDWARD. Clinical chemistry, 441

N

NADLER, SAMUEL B. (*See* BUTLER AND NADLER), 1052
NAUMANN, HANS NORBERT. A simplified urea determination for routine blood chemistry, 405
NECHELES, H., AND OLSON, W. H. A simple constant injection apparatus, 1647
NELSON, DOROTHY. (*See* IVY, NELSON, AND BUCHER), 1812
NELSON, RICHARD L., AND VENABLE, D. R. Report of a case of congenital absence of the spleen and chronic amniotic fluid pneumonia, 772
NEUWIRTH, EUGENE. Indoluria in rheumatoid arthritis, 1939
NEWBURGER, ROBERT A. Effect of desoxycorticosterone acetate on hypochloremia in pneumonia, 1642
NEWMAN, HERBERT F. Experimental uterotubal insufflation in the rabbit, 1129
—, AND MAYER, MAX D. Experimental uterotubal insufflation, 1447
NIEHAUS, FREDERICK W., AND WRIGHT, WILLIS D. Dissecting aneurysm of the aorta, 1248
NIELSEN, KAI. (*See* SELYE, BASSETT, AND NIELSEN), 1849
NORTHUP, D. W. (*See* EMERSON, NORTHUP, AND VAN LIERE), 479
NOYES, LORRAINE F. Method for the quantitative estimation of acetone and acetoacetic acid in urine, 1216
NUZIE, SAMUEL B., AND NUZIE, S. LEONARD. With the assistance of Stigers, William E. Preliminary observations on lowering of body temperatures, 1423
NUZIE, S. LEONARD. (*See* NUZIE AND NUZIE), 1423

O

OBERST, FRED W., AND PLASS, E. D. The acid-base balance and water concentration of the blood during the toxemias of late pregnancy, 664
—, AND —. The acid-base balance in the plasma and blood cells of normal nonpregnant, pregnant, and puerperal women, 513
OLIVER, ERNEST B. (*See* JOHNSON AND OLIVER), 727
OLSON, W. H. (*See* NECHELES AND OLSON), 1647
OTENASEK, FRANK, AND LEE, FERDINAND C. Further observations on thrombocytopen, 1266

P

PAGE, IRVINE H. (*See* CORCORAN AND PAGE), 1713
PAGE, ROBERT C., AND RUSSELL, HOLLIS K. Prothrombin estimation using Russell viper venom, 1366
PALMER, JOHN W. (*See* GERLOUGH, BLUMENTHAL, AND PALMER), 1461
PAPANICOLAOU, GEORGE N. Some improved methods for staining vaginal smears, 1200
PARKS, ARTHUR A., AND SHANKS, G. Studies on experimental lesions in the kidneys of rabbits, 950
PASTORIUS, GEORGE J. (*See* MCLAIN AND PASTORIUS), 1054
PEIRSON, OCTAVIA. (*See* DEUTSCH), 1729
PERNOKIS, EVANS W., AND FREELAND, M. R. Blood chemistry determinations in pernicious anemia, 1177
—, AND —. Blood chemistry observations in leucemias, 1310
—, —, AND KRAUS, IDA. The determination of blood lipids in blood dyscrasias, 1978
PERSON, E. COOPER, JR. (*See* MÜLLER AND PERSON), 884
PICCIONE, FRANK V., AND BOYD, LINN J. The determination of blood velocity by lobeline, 766
PIERCE, I. H. The absorption of nicotine from cigarette smoke, 1322
PINCUSSEN, LUDWIG. Immunologic test for human blood and human protein in stools, 1030
—. The importance of temperature for colorimetric determinations, 1062
PLASS, E. D. (*See* OBERST AND PLASS), 513 664
PLATT, B. (*See* ELLIOTT, RIVERS, ELLIOTT, AND PLATT), 1928
PLOTZ, MILTON, AND ROTHENBERGER, MARGARETHE. With the technical assistance of Ferguson, Edgar, and Ginsburg, Victor. The short phenolsulphonephthalein test of renal function, 587
PORCH, LEON D. Histamine therapy in allergy, 499
POSTON, MARY A. The technique for the isolation of Brucella from human brucellosis, 1961
POWELL, EDWIN S. Antigen pipette for Kline syphilitic test, 562
PRANION, A. B. An improved technique for pneumococcus typing by the "Quellung" reaction, 1672

R

RAPOPORT, S. (*See* GUEST AND RAPOPORT), 190
RAVIN, ABE. (*See* LEWIS, JR., RAVIN, AND LEWIS), 990
—. (*See* RYMER AND RAVIN), 1506
REICH, NATHANIEL E. A critical survey of a phenolphthalein test for gastrointestinal lesions, 687
REID, J. DOUGLAS. (*See* SHAW AND REID), 256
RICHARDS, RICHARD KOHN. Sulfapyridine overdosage—antidotal action of hypnotics in animals. With a note on sulfathiazole, 1256
RIGDON, R. H., HAYNES, ANNE, AND LIPSCOMB, ALYS. Effect of sulfapyridine on staphylococcus toxin, 1111
RIVERS, T. D. (*See* ELLIOTT, RIVERS, ELLIOTT, AND PLATT), 1928
ROBINSON, SAMUEL C. Hypertension in relation to height, 930
ROGERS, EDWARD J. (*See* BENSON AND ROGERS), 987
ROGOFF, J. M., AND CORTELL, RUTH. Epinephrine output from the adrenal glands in experimental hyperthyroidism, 981
—, AND STEWART, GEORGE N. Epinephrine secretion from the adrenal glands in relation to parathyroid activity, 1084
ROSEN, THEODORE S., AND LUBINSKY, GEORGE W. A device for fixing the brain and spinal cord in one piece, 1809
—, AND —. Freezing of tissues with "dry ice" for microtome sectioning of the entire brain, 1799
ROSENBERG, NORMAN, AND ALLEN, ARTHUR C. Possible significant errors in routine tuberculin tests, 1652
ROTHENBERGER, MARGARETHE. (*See* PLOTZ, ROTHENBERGER, FERGUSON, AND GINSBURG), 587
ROURKE, G. M. (*See* STEWART AND ROURKE), 1383
RUDOLPH, HANS. (*See* SCOTT AND RUDOLPH), 854
RUEGSEGGER, JAMES M., AND COCKRELL, SARAH LOUISE. Recurrence in pneumonia, 1262
RUSSELL, HOLLIS K. (*See* PAGE AND RUSSELL), 1366
RYMER, MARION REINHARDT, AND RAVIN, ABE. Studies in dystrophia myotonica. VI. Results of glucose tolerance tests, 1506

S

SACHS, ADOLPH, LEVINE, VICTOR E., ANDERSEN, ALFRED C., AND SCHMIT, AGNES. Studies on the metabolism of iron and copper. I. Method for determination of iron and copper in blood serum, 734
SACKS, MILTON S., AND HACHTEL, FRANK W. A note on the bacteriologic culture of bone marrow in typhoid fever, 1024
SAIER, ELEANOR. (*See* WILSON, GRAUER, AND SAIER), 581
SAIFER, ABRAHAM, VALENSTEIN, FLORENCE, AND HUGHES, JAMES P. The photoelectric determination of sugar in biological fluids by ferricyanide reduction, 1969
SALZMAN, CHARLES. (*See* CHENOWETH, CIVIN, SALZMAN, COHN, AND GOLD), 1574
—. (*See* MODELL AND SALZMAN), 774
SAMUELS, SAUL S. (*See* STEINBROCKER AND SAMUELS), 974
SANO, MACHTELD E., AND SMITH, LAWRENCE W. A critical histopathologic study, 443
SARRIS, S. P. (*See* SIMEONE AND SARRIS), 1046
SCHMIDT, CARL F. The functions of the carotid and aortic bodies, 223
SCHMIT, AGNES. (*See* SACHS, LEVINE, ANDERSEN, AND SCHMIT), 734
SCHNEIERSON, S. STANLEY. A simple, clean, cedar oil bottle, 1347
SCOTT, V. BROWN, AND RUDOLPH, HANS. Improved intubation tubes for insufflation anesthesia in dogs, 854
SCUDDER, JOHN. (*See* DREW AND SCUDDER), 1473
SELYE, HANS, BASSETT, LUCY, AND NIELSEN, KAI. An improved rat cage for metabolism studies, 1849
SHANKS, G. (*See* PARKS AND SHANKS), 950
SHARP, E. A., VONDER HEIDE, E. C., AND GOOD, W. H. Vitamin K activity of 2-methyl-1, 4-naphthoquinone and 4-amino-2-methyl-1-naphthol in hypoprothrombinemia, 818
SHAW, FREDERICK W., AND REID, J. DOUGLAS. Fungi and fungous diseases, 256
SHAY, HARRY, GERSHON-COHEN, J., MUNRO, F. L., AND SIPLET, HERMAN. The determination of phenol red with the Evelyn colorimeter, 732
SHEARD, CHARLES. (*See* GOODSON AND SHEARD), 423
SHELDON, J. M. (*See* HENSEL AND SHELDON), 1586
SHEPHERD, MARION. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY), 996
SHERBER, DANIEL A. A technique for the determination of prothrombin time, 1058
SHERMAN, IRVING C., AND ARIEFF, ALEX J. Iodine absorption by the serum of epileptic patients on bromide therapy, 836
SHIPMAN, H. R. (*See* KEMPE AND SHIPMAN), 1040
SHOHL, ALFRED T., AND HUNTER, THOMAS H. The measurement of cell volume of blood by the Evans blue dye method, 1829
SHRADER, JACK C. (*See* HUBER AND SHRADER), 1379

SIEBERT, WALTER J., AND LOOSE, FREDERICK. Comparative studies on the absorption of sulfanilamide, 371
SILVERMAN, I. JEROME. The preparation of anti-M, anti-N, anti-A, and anti-B testing fluids, 1338
SIMEONE, F. A., AND SARRIS, S. P. A simple method for the determination of serum protein, 1046
SIMKINS, SAMUEL. (*See* BERNSTEIN AND SIMKINS), 521
SIMPSON, WALTER M. (*See* DE KRUIF AND SIMPSON), 125
SIPLET, HERMAN. (*See* SHAY, GERSHON-COHEN, MUNRO, AND SIPLET), 732
SKOWRONSKA, HELEN. (*See* MULL, BILL, AND SKOWRONSKA), 1305
SLANGER, ALEXANDER. (*See* WEISS, SLANGER, AND GOODFRIEND), 1925
SMITH, KATHARINE EDSALL. The measurement of red blood cell diameter by the diffractometer, 696
SMITH, LAWRENCE W. (*See* SANO AND SMITH), 443
SOBEL, A. E. (*See* MATZNER, WINDWER, GAWRON, AND SOBEL), 682
—, AND SOBEL, B. A. The determination of calcium in urine, 585
SOBEL, B. A. (*See* SOBEL AND SOBEL), 585
SOMOGYI, MICHAEL. A rapid method for the estimation of urine sugar, 1220
SOUDERS, HELEN. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY), 996
SOULE, MALCOLM H. The viruses, 250
SPIEGEL, E. A., AND MILLER, H. R. Stand for aseptic operations with Horsley-Clarke's stereotaxic instrument, 1657
SPIES, T. D. (*See* VILTER, KOCH, AND SPIES), 31
SPITZ, SAMUEL H. (*See* LOUGHLIN, SPITZ, AND BENNETT), 1181
—, LOUGHLIN, ELMER H., AND BENNETT, RICHARD H. Treatment of pneumonia in rats, 1284
SPITZ, WILLIAM C. (*See* WISHNOFSKY, KANE, SPITZ, MICHALOVER, AND BYRON), 526
SPRAGUE, KIMBALL D. (*See* MCCHESNEY, SPRAGUE, AND MARSHALL), 1154
SPRAY, ROBB SPALDING. Composition tubes as a substitute for glass in the isolation of sporulating anaerobes, 1957
—, AND STANLEY, ALFRED REEVES. A simple photostatic camera, 386
STANLEY, ALFRED REEVES. (*See* SPRAY AND STANLEY), 386
STEIGMANN, F., AND DYNIEWICZ, J. M. Phenolphthalein studies: the ratio of free to total phenolphthalein in the urine, 1148
STEINBROCKER, OTTO, AND SAMUELS, SAUL S. The arterial circulation of the lower extremities in chronic arthritis, 974
STERN, KURT. Investigations on the reticuloendothelial function of cancer patients, 809
STEWART, GEORGE N. (*See* ROGOFF AND STEWART), 1084
STEWART, J. D., AND ROURKE, G. M. On the measurement of extracellular fluid volume with thiocyanate and body fluid analyses in 33 normal individuals, 1383
STIGERS, WILLIAM E. (*See* NUZIE AND NUZIE), 1423
STILES, MERRITT H. Changes in the sedimentation rate and nonfilament-filament ratio following clinical improvement in patients with low-grade chronic illness, 621
—. Nonfilament-filament ratio changes following administration of autogenous vaccines to persons with low-grade chronic illness, 1453
STIRLING, ARTHUR C. Hematocrit tube cleaner, 393
—. Hematocrit tube filling pipette, 1348
STONE, R. V. Anthrax in shaving brushes, 1032
STOTZ, ELMER. A clinical method for the determination of ascorbic acid in blood plasma and urine, 1542
—. A clinical method for the determination of nicotinic acid in blood and urine, 1042
STRAUSS, ARNOLD F. (*See* ANDREWS AND STRAUSS), 887
STRINGER, JOHN T., JR. (*See* CLARKE), 901
SULZBERGER, MARION B., AND COPE, ELLIS P. Some recent advances in dermatologic therapy, 1403
SURE, BARNETT, AND WILDER, VIOLET M. Simplified photoelectric procedures for microdetermination of nonprotein nitrogen, urea nitrogen, creatine, and creatinine of blood, 874
SWANSON, L. W. (*See* GREENE AND SWANSON), 360
—, AND GREENE, JAMES A. Further observations on the role of diet in the etiology and treatment of spontaneous hypoglycemia, 828
SWEAT, MAX L. An efficient dissecting and operating table, 1197
SZANTO, PAUL B. (*See* BURACK AND SZANTO), 483
—, AND BURACK, SAMUEL. The diagnostic value of the Takata-Ara reaction in the cerebrospinal fluid, 1079
—, —, AND KREISLER, OSCAR. The diagnostic value of the colloidal carbon flocculation test in spinal fluid, 1349
SZEKELY, JOSEPH L. An open rack for the syringe outfit when in use, 388

T

TARSY, JAMES M. Gold colloid and colloids of other heavy metals in the treatment of rheumatoid arthritis, 1918
TEAGUE, D. MAXWELL. (*See* WILLIAMS, ERICKSON, BEACH, AND MACY), 996
TEITELBAUM, HARRY A., AND HARNE, O. G. A closed-circuit metabolism apparatus for studying oxygen consumption of control and thyreoactivator-treated guinea pigs, 1521
TEWKSBURY, MARGARET H. (*See* MOST AND TEWKSBURY), 1034
THEWLIS, ETHEL W. (*See* MEYER AND THEWLIS), 1137
THOMAS, J. WARRICK, AND FORSYTHE, J. R. Allergy in relation to purpura, 1105
THOMPSON, EDWARD. (*See* HALL, THOMPSON, AND WYRENS), 314
TIGERTT, W. D. (*See* ASHWORTH AND TIGERTT), 1545
TOBIE, WALTER C. Nitric and sulfuric acids, a colorless cleaning mixture for glassware, 1797
TOMLINSON, WRAY J. Clinical laboratory photography with a new method of preparing photomicrographs, 1064
TOWSON, CAROLINE. (*See* WOODLAND, TOWSON, AND CLARKE), 1981
TREVORROW, VIRGINIA. (*See* HILL AND TREVORROW), 1838
TURNER, W. J. A theory of porphyrinogenesis, 323
TUTTLE, W. W. The effects of decreased temperature on the activity of intact muscle, 1913

U

URBAN, JEROME A. (*See* WECHSLER, FARMER, AND URBAN), 1090

V

VALENSTEIN, FLORENCE. (*See* SAIFER, VALENSTEIN, AND HUGHES), 1969
VAN DELLEN, T. R. (*See* MILLER AND VAN DELLEN), 1116
VAN LIERE, EDWARD J. (*See* ANDES, VAN LIERE, ANDES, AND VAUGHN), 530
—. (*See* EMERSON, G. A., NORTHUP, D. W., AND VAN LIERE, E. J.), 479
VARDEN, LLOYD E. Sharpness considerations in making scientific illustrations, 1388
VARNEY, PHILIP L. (*See* WYND AND VARNEY), 1513

VARTIAINEN, ILMARI, AND MARBLE, ALEXANDER. The effect of the subcutaneous administration of protamine (salmine) to rabbits and mice, 1416
VASSEL, BRUNO. (*See* CROSSLEY, KIENLE, VASSEL, AND CHRISTOPHER), 1500
—. (*See* CROSSLEY, VASSEL, AND CHRISTOPHER), 1635
VAUGHAN, WARREN T. We celebrate our silver anniversary, 1
VAUGHN, PAUL. (*See* ANDES, VAN LIERE, ANDES, AND VAUGHN), 530
VENABLE, D. R. (*See* NELSON AND VENABLE), 772
VILTER, S. P., KOCH, M. B., AND SPIES, T. D. Coenzymes I and II in human blood, 31
VOM SAAL, FREDERICK. (*See* KAUFMAN AND VOM SAAL), 468
VONDER HEIDE, E. C. (*See* SHARP, VONDER HEIDE, AND GOOD), 818
VRYONIS, GEORGE. Studies of the effect of intravenous administration of liver extract in patients with sickle-cell anemia: an unusual response, 1470

W

WALDBOTT, G. L., BLAIR, K. E., AND ACKLEY, A. B. An evaluation of the importance of fungi in respiratory allergy, 1593
WALLACE, LUCILLE BROWN. (*See* MOOR AND WALLACE), 1583
WALZER, MATTHEW. Allergy of the abdominal organs, 1867
WARD, JAMES W., AND CLARK, SAM L. The production of artificial tumors in the brains of cats, 1778
WARREN, SHIELDS, AND COWING, R. F. The distribution of doses of radioactive phosphorus in rodents, 1014
WATERS, RALPH W. Methods of resuscitation, 272
WATSON, E. M. (*See* WILLIAMS AND WATSON), 1333
WEAVER, H. M. The histopathologic changes in myelinated nerve fibers observed by the polarized light method following artificially induced hyperpyrexia, 1295
WEBB, GERALD B. Tuberculosis—present and future, 287
WEBER, IONE. Recovery of carbon tetrachloride from tissue, 719
WECHSLER, HARRY F., FARMER, LAURENCE, AND URBAN, JEROME A. A case of insulin allergy simulating coronary occlusion, 1090
WEED, L. A. (*See* HALL, GIBSON, AND WEED), 330
WEINHOUSE, SIDNEY. (*See* MORGAN AND WEINHOUSE), 416
WEISMAN, ABNER I. Correspondence, 1711
WEISS, EMIL. A modification of the Gram stain, 1518
WEISS, HARRY. An automatic blood pressure recording apparatus, 1351
WEISS, SAMUEL, SLANGER, ALEXANDER, AND GOODFRIEND, SANFORD. The relation of the nasopharynx to ulcerative colitis, 1925
WERCH, S. C. Clinical application of the microdiffusion method for the estimation of acetone, 878
—. Consistent blood sugar values obtained from rabbit heart blood samples, 725
WEST, HAROLD D., AND JEFFERSON, NELSON C. Blood serum calcium in the negro, 1644
WHIPPLE, MARY A. (*See* ELLIOTT, JR., AND WHIPPLE), 489
WIESE, E. ROBERTS, AND BIXBY, E. W. Bronchiectasis associated with monilia simulating pulmonary tuberculosis, 624
WILDER, VIOLET M. (*See* SURE AND WILDER), 874
WILLIAMS, HAROLD H., ERICKSON, BETTY NIMS, BEACH, ELIOT F., AND MACY, ICIE G. With the assistance of Avrin, Ira, Shepherd, Marion, Souders, Helen, Teague, D. Maxwell, and Hoffman, Olive. Biochemical studies of the blood of dogs with N-propyl disulfide anemia, 996
—. (*See* ERICKSON, HOFFMAN, BEACH, WILLIAMS, AND MACY), 1492
WILLIAMS, H. L., AND WATSON, E. M. The hyperphosphatasemia of Paget's disease, 1333
WILSON, DONALD, GRAUER, ROBERT C., AND SAIER, ELEANOR. A simplified continuous extractor for estrogens and androgens, 581
WINDWER, C. (*See* MATZNER, WINDWER, GAWRON, AND SOBEL), 682
WIRTSCHAFTER, ZOLTON T. The role of metals in carbohydrate metabolism, 1093
WISHNOFSKY, MAX, KANE, ARTHUR P., SPITZ, WILLIAM C., MICHALOVER, SAUL, AND BYRON, CHARLES S. Influence of glycerol on glycemia in normal and diabetic individuals, 526
WOMACK, NATHAN A. (*See* COLE, CLARK, AND WOMACK), 1679
WOODLAND, VIRGINIA, TOWSON, CAROLINE, AND CLARKE, CARL DAME. Rubber casts of medical subjects, 1981
WRIGHT, WILLIS D. (*See* NIEHAUS AND WRIGHT), 1248
WYND, F. LYLE, AND VARNEY, PHILIP L. A vessel for the measurement of pH and oxidation-reduction potential of bacterial cultures, 1513
WYRENS, RAYMOND J. (*See* HALL, THOMPSON, AND WYRENS), 314

Y

YEGIAN, DIRAN, AND KURUNG, JOSEPH M. Dextrose yeast extract medium for the isolation of fungi from sputum, 1195

Z

ZIA, SAMUEL H., AND LIU, P. Y. A semisolid double sugar medium for the identification of the colon-typhoid group, 1951

SUBJECT INDEX

Abstracts are indicated by (Abst.) after the page number; book reviews by (B. Rev.) after the page number.

A

Abdominal organs, allergy of, 1867
Absorption bulb to determine oxygen of air, 1376
of sulfanilamide, comparative studies of, 371
Acetate, desoxycorticosterone, effect of, on hypochloremia in pneumonia, 1642
Acetoacetic acid in urine, quantitative estimation of, 1216
Acetone, estimation of, clinical application of microdiffusion method for, 878
in urine, quantitative estimation of, 1216
Acetyl-β-methylcholine chloride, administration of, by iontophoresis, 1012
Acetylcholine in urine, study of, 842
Acid, hippuric, in urine, 729
Acid-base balance, effect of sulfanilamide on, 1154
in plasma and blood cells of women, 513
of blood during toxemias of late pregnancy, 664
Acid-soluble phosphorus, organic, of red blood cells, 190
Acidosis, ammonium chloride, 191
diabetic, 192
of gastroenteritis, 193
Acriflavine in giardia infections, 1468
Acute edematous pancreatitis, 1901
glomerulonephritis, capacity of kidney to concentrate urine in, 1160
Adenoma, chromophobe pituitary, with Simmonds' disease, 1289
Adrenal gland, disease of, alteration of glucose tolerance in, 360
in experimental hyperthyroidism, epinephrine output from, 981
in parathyroid activity, epinephrine secretion from, 1084
Adrenaline, 25
Agglutination, cross, methods, technique and comparative values of, 557
slide, to determine pathogenicity of staphylococci, 1864 (Abst.)
Air, oxygen of, in oxygen tent, absorption bulb for determining, 1376
Alabama, tests for syphilis in, 1790
Albino rats, pneumococcic infection in, nontraumatizing method of inducing, 1181
Albumin plasma, in healthy individuals, 1838
Albumin-globulin ratio of serum, 1553 (Abst.)
Alcohol in blood and urine, determination of, 399
isopropyl, 1788
of lung air as index of alcohol in blood, 1527
Alimentary tract of food-sensitive children, allergic reactions in, 1872
Allergens, electrophoresis with reference to, 174
specific, in hay fever, complement fixation with, 1586
Allergic diseases, histamine treatment of, 802
disorders with histamine and histaminase, 110
pneumonia, 1427
reactions in organs of monkey, 1870
shock tissue, 1874
Allergy, bacterial, mechanism of, 102
food, familial nonreaginic, 1878
as predisposing cause of common cold, 757
histamine therapy in, 499
in relation to purpura, 1105
insulin, simulating coronary occlusion, 1090
of abdominal organs, 1867
respiratory, fungi in, 1593
Alternating current photoelectric colorimeter, 416
Alveolar and venous airs, alcohol in, 1532
American College of Physicians, 1709 (B. Rev.)
Amines, 25
4-Amino-2-methyl-1-naphthol in hypoprothrombinemia, 818
p-Aminobenzoic acid, inhibition of action of sulfanilamide by, 917 (Abst.)
Ammonia in distillates, determination of, 1845
Ammonium chloride acidosis, 191
gluconate and gluconic acid in animals and man, 1574
Amniotic fluid pneumonia, chronic, 772
Amoeba, nonpathogenic, 1989 (Abst.)
Amylase, estimation of, 1904
test, serum, 1901
Anaerobes, sporulating, isolation of, composition tubes as substitute for glass in, 1957
Anaerobic drawing and sampling of blood for gas analysis, 1685
pneumococcus, 307
Analgesics, 135
Analysis, gas, blood for, anaerobic drawing and sampling of, 1685
Anaphylactic phenomena, inhibitory effect of fever on, 125
shock in guinea pigs, inhibition of, 128
Androgens, continuous extractor for, 581
Anemia, hemolytic, 65
paroxysmal nocturnal hemoglobinuria with, 1434
N-propyl disulfide, biochemical studies of blood of dogs with, 996
pernicious, blood chemistry determinations in, 1177
sickle-cell, liver extract in, 1470
"target-cell," 1398 (Abst.)
Anesthesia, insufflation, in dogs, intubation tubes for, 854
Anesthetics, general, 131
local, 131
Aneurysm of aorta, dissecting, 290, 1248
Anoxemia, experimental, guanidine in, 530
Anoxia, 265
toxic effects of sulfanilamide, sulfapyridine, and rodilone in, 479
Anthelmintics, 136
Anthrax in shaving brushes, 1032
Anti-A and anti-B testing fluids, preparation of, 1338
Antibodies, protective, produced by oral administration of typhoid vaccine, 1583
Antidotal action of hypnotics in animals, 1256
Antigen pipette for Kline syphilitic test, 562
purified, from brucella, 1072 (Abst.)
Anti-M and anti-N agglutinins, preservation of, with toluol, 866
testing fluids, preparation of, 1338
Antimalarial compounds, 137
Antipneumococcic rabbit serum, 1461
Antispasmodics, 133
Antisyphilitic therapy, 1409
Aorta, aneurysm of, 290
dissecting, 1248
Aortic bodies, functions of, 223
Apparatus for constant rate injections, 383
Appetite of patients with obesity, effect of belladonna on, 477
Arsenic in experimental asphyxia of tumors, 1120
sensitization in therapy of syphilis, 126
Arterial blood cultures, 382
circulation of lower extremities in chronic arthritis, 974
hypertension, 916 (Abst.)
sodium and potassium studies in, 344

Arthritis, chronic, lower extremities in, arterial circulation of, 974
rheumatoid, glucose tolerance curves in, effect of diet on, 675
gold sodium thiomalate in, excretion of gold following, 1750
administration on, effect of, 1274
indoluria in, 1939
precipitin reactions in, 464
toxic reactions with gold salts in treatment of, 1629
treatment of, 1918
Artificial insemination of white rat, technique for, 1361
respiration, 273
tumors in brains of cats, production of, 1778
Ascorbic acid in blood plasma and urine, determination of, 1542
Aseptic operations with Horsley-Clarke's stereotaxic instrument, stand for, 1657
Asphyxia of tumors, combinations of chemicals in, 1120
Aspirated sternal marrow, method for preparing smears and sections of, 1784
Aspiration of sputum, 1396 (Abst.)
Aspirators, simultaneous, use in gastroenterology, 1184
Asthma, 802
artificial fever on, effect of, 128
bronchial, blood serum magnesium in, 340
Atabrine in giardia infection, 1465
Atmospheres of varying oxygen tension, effect of sulfapyridine in pneumococcus infected mice in, 1915
Atmospheric pollen at Moscow, Idaho, 311
Auricular fibrillation, 1896
Author publisher printer complex, 918 (B. Rev.)
Autogenous vaccines, administration of, to persons with low-grade chronic illness, 1453
Automatic blood pressure recording apparatus, 1351
pipette, 1668
Autonomic nervous system in relation to experimental and clinical phenomena, 4

B

Bacillary and rickettsial infections, 1401 (B. Rev.)
B. coli, effect of sulfapyridine and sulfanilamide on, 1756
Bacterial allergy, mechanism of, 102
cultures, pH and oxidation-reduction potential of, 1513
infection, 245
Bacteriemia in patients with dental disease, 801
Bacteriologic culture of bone marrow in typhoid fever, 1024
tubes and bottles, cotton-plug wrapping machine for, 1040
diagnosis in gonorrhea of male, 643
Bacteriology and chemistry, public health, handbook of, 1237 (B. Rev.)
of public health, 1558 (B. Rev.)
Bacteriophage VI, studies in, 1756
Bacteriostatic action of sulfanilamide, 1072 (Abst.)
properties of serum in patients with rheumatoid arthritis, effect of gold sodium thiomalate on, 1274
Banti's syndrome, 96
Barbiturates in treatment of pneumonia, 793
Barbituric acid, derivatives of, 132
Beef embryo, blood and stroma in, 1492
Belladonna, effect of, on appetite of patients with obesity, 477
Benzidine test for hemolysis, 736
Benzol, blood following exposure to, disturbances in, 957
β-phenylethylamine, 134
Bilateral splanchnicotomy in normal and hypertensive dogs, 658
Bilirubin in chloroform and other organic solvents, 1206
in persons with jaundice, chloroform-soluble fraction of, 576
in urine, comparison of tests for, 1234 (Abst.)
photelometric determination of, 423
Biochemical studies of blood of dogs with N-propyl disulfide anemia, 996
Biochemistry, introduction to, 755 (B. Rev.)
Biological fluids, photometric determination of sugar in, by ferricyanide reduction, 1969
reaction, 1402 (B. Rev.)
specimens, preservative for, 1788
Biometric analyses of blood sera, 597
Births, human, multiple, 1238 (B. Rev.)
Bleeding time technique, cutaneous "venostasis," 1812
Blood, acid-base balance of, during toxemias of late pregnancy, 664
alcohol in, 1527
determination of, 399
"banks" in relation to transfusion in treatment of disease, 82
bromide after oral ingestion, appearance of, 1325
cell count, red, specific gravity of, 1934
volume of, measurement of, by Evans blue dye method, 1829
cells, acid-base balance in, 513
of normal guinea pigs, study of, 1364
chemical constituents of, 214
chemistry determinations in pernicious anemia, 1177
observations in leucemias, 1310
routine, urea determination, 405
chloride concentrations in, 535
citrated, cellular elements and prothrombin in, 1473
clotting anomalies in hemorrhagic diseases, 52
mechanisms, 1560
coagulation, effect of nicotinic acid on, 1556 (Abst.)
containing gum acacia, leucocytes in, 1664
cultures, arterial and venous, 382
familial, disorder, 438 (Abst.)
film, 1807
findings in late pregnancy, 1487
flow in intestine, absorption of sulfanilamide as index of, 594 (Abst.)
following exposure to benzol, disturbances in, 957
for gas analysis, anaerobic drawing and sampling of, 1685
guanidine-like substances in, 530
human, coenzymes I and II in, 31
immunologic test for, 1030
in polycythemia and beef embryo, hematologic, physical, and chemical studies of, 1492
in stools, occult, effect of ingested iron on tests for, 727
iodine content of, 365
in normal persons, 1942
lipids in blood dyscrasias, determination of, 1978
new test for, 1074 (Abst.)
nicotinic acid in, determination of, 1042
of dogs, biochemical studies of, with N-propyl disulfide anemia, 996
oxygenator for, 1803
pH, measurement of, 884
photoelectric procedures for microdetermination of nonprotein nitrogen, urea nitrogen, creatine, and creatinine of, 874
plasma, ascorbic acid in, determination of, 1542
in diuresis, 211
preservation, 1473
preserved, transfusion of, leucocyte count following, 1911
pressure, manometer for recording, 1520
recording apparatus, automatic, 1351
prothrombin determination in, 408
levels in newborn, determination of, 1379
pyruvate, effects of insulin, metrazol, and electric shock on, 1928
in vitamin B_1 deficiency, determination of, 1314

Blood—Cont'd
reduced, undiluted, hemoglobin estimation with, 1823
samples for hemoglobin determination, collection of, 395
rabbit heart, blood sugar values from, 725
sedimentation curves, mechanically recording, 1945
rate in healthy girls, 987
sera in experimental pneumonia in dogs, polarographic study of, 1500
phytotoxic reactions of, 597
serum calcium in negro, 1644
iron and copper in, determination of, 734
magnesium content of, 521
in bronchial asthma, 340
smears, method for staining, in determining opsonocytophagic indices, 1811
specific gravity, determination of, by falling-drop technique, 1681
new method for determining, 1370
studies, 1934
sugar, normal values in children, 1864 (Abst.)
parotid gland on, influence of, 1009
response to ingested glucose, 593 (Abst.)
values from rabbit heart blood samples, 725
sulfanilamide determination in, 887
sulfathiazole in, 1706 (Abst.)
urea in, 437 (Abst.)
velocity, determination of, by lobeline, 766
-volume changes, method for determining, by specific gravity studies, 1545
in infants and children, 1708 (Abst.)
water concentration of, during toxemias of late pregnancy, 664
Body fluid analyses and thiocyanate, measurement of extracellular fluid volume with, 1383
fluids, determination of sulfanilamide in, 914 (Abst.)
specific gravity of, method for determining, 564
new method for determining, 1370
temperatures, lowering of, observations on, 1423
Bone, frontal, giant cell tumor of, 319
giant cell tumor of, 1705 (Abst.)
marrow in typhoid fever, bacteriologic culture of, 1024
sternal, 1234 (Abst.)
Bottle, cedar oil, 1347
Brain and spinal cord, device for fixing, in one piece, 1809
microtome sectioning of, 1799
Brains of cats, artificial tumors in, production of, 1778
Bran, mode of action of, 1774
Bromide, blood, after oral ingestion, appearance of, 1325
therapy, epileptic patients on, iodine absorption by serum of, 836
Bronchial asthma, blood serum magnesium in, 340
Bronchiectasis associated with monilia simulating pulmonary tuberculosis, 624
Brucella cells, presence of capsule on, 750 (Abst.)
isolation of, from human brucellosis, technique for, 1961
opsonocytophagic test, 1396 (Abst.)
purified antigen from, 1072 (Abst.)
Brucellosis, experimental, sulfapyridine in, 616
human, isolation of brucella from, 1961
Brushes, shaving, anthrax in, 1032
Buffers with or without glass electrodes, 568

C

Cage, mouse, model, 701
Calcium, blood serum, in negro, 1644
in urine, determination of, 585
metabolism, effect of iron on, 351
Camera, photostatic, 386
Cancer, 439 (B. Rev.)
macronucleolus and nucleonucleolar ratio of, to histologic grading, 1612
patients, reticulo-endothelial function of, 809
post-mortem patients with, subjected to local or generalized refrigeration compared with nonrefrigerated patients, 443
Capillaroscopy, 1731
Capillary factors in processes of disease, 117
permeability, 1737
platelet, and splenic factors in thrombocytopenic purpura, 489
reaction, abnormal, 118
normal, 119
studies in Raynaud's disease, 1729
Capsule on brucella cells, 750 (Abst.)
Carbohydrate metabolism, 20
metals in, 1093
Carbon, colloidal, flocculation test in spinal fluid, 1349
tetrachloride, effect of, on sensitivity to egg albumen and ragweed pollen extracts in guinea pig, 1603
recovery of, from tissue, 719
Carcinoma, cutaneous, 591 (Abst.)
of rectum, 1707 (Abst.)
Cardiac hypertrophy, 205
influence of coronary sclerosis, chronic congestive heart failure, and myocardial fibrosis on, 1239
Cardiovascular pathology, experimental studies in, 1565
Carotid, functions of, 223
Casts, rubber, of medical subjects, 1981
Catalysts, cell, interaction of vitamins and drugs with, 20
Cats, brains of, production of artificial tumors in, 1778
Cedar oil bottle, simple, clean, 1347
Cell catalysts, interaction of vitamins and drugs with, 20
diameter, measurement of, 696
tumor of frontal bone, 319
volume of blood, measurement of, by Evans blue dye method, 1829
Cellophane straw used as an ink-writing pointer in kymographic work, 1650
Cells, blood, of normal guinea pigs, study of, 1364
Cellula, 1236 (B. Rev.)
Cellular elements, fate of, in citrated blood, 1473
Central nervous system, ester-hydrolyzing activity of, 1017
torula infection of, 299
Centrifuge technique, study of, 557
Cerebrospinal fluid, calcium and phosphorus in, 1235 (Abst.)
sodium chloride crystallization by, 483
Takata-Ara reaction in, 1079
Chemical observations on human heart, 199
studies of blood and stroma in polycythemia and beef embryo, 1492
test for intoxication, 1555 (Abst.)
Visscher-Bowman, for pregnancy, 1374
Chemicals in experimental asphyxia of tumors, 1120
organic, for therapeutic use, development of, 131
Chemistry, blood, observations in leucemias, 1310
of infectious diseases, 1500, 1635
Chemotherapeutic agents, 136
Chemotherapy in nonspecific infections of urinary tract, 1863 (Abst.)
specific, in giardia infections, 1465
Chloride concentrations in whole blood and spinal fluid, 535
Chloroform, bilirubin in, solution and diazotization of, 1206
-soluble fraction of bilirubin, measurement of, 576
Cholesterol emulsion, preparation of, for experimental intravenous administration, 1679
esters of blood in hepatic disease, 915 (Abst.)
serum, studies following acetyl-β-methylcholine chloride by iontophoresis, 1012
Choline hydrochloride, treatment of polycythemia vera with, 1137
Cholinesterase determinations, 845
Chorea, artificial fever therapy of, 126
Chromoblastomycosis, 256
Chromophobe pituitary adenoma with Simmonds' disease, 1289
Chronic amniotic fluid pneumonia, 772
arthritis, lower extremities in, arterial circulation of, 974

Cigarette smoke, absorption of nicotine from, 1322
Circulation, arterial, of lower extremities in chronic arthritis, 974
time test, objective, 1966
Circulatory failure of capillary origin, 751 (Abst.)
Citrated blood, cellular elements and prothrombin in, fate of, 1473
Cleaner, hematocrit tube, 393
Cleaning mixture for glassware, 1797
Clearance tests in relation to renal pathology, 796
Clinical and experimental phenomena, autonomic nervous system in relation to, 4
aspects of sulfapyridine therapy, 919
chemistry, editorial, 441
hypertension, renal aspects of, 1713
laboratory determination of vitamin nutrition, 45
method for determination of nicotinic acid in blood and urine, 1042
methods, 1237 (B. Rev.)
parasitology, 1401 (B. Rev.)
pathology, past, present, and future, 279
Closed-circuit metabolism apparatus for studying oxygen consumption of guinea pigs, 1521
Clotting, blood, anomalies in hemorrhagic diseases, 52
Coagulase test for staphylococci, 1864 (Abst.)
Coagulation reaction, Weltmann's, modification of, 1795
Cocaine, studies on, 598
Coenzymes I and II in human blood, 31
Colitis, ulcerative, relation of nasopharynx to, 1925
Colloidal carbon flocculation test in spinal fluid, diagnostic value of, 1349
gold, 592 (Abst.)
Colloids, intravenous injection of, 330
of heavy metals in treatment of rheumatoid arthritis, 1918
Colon-typhoid group, semisolid double sugar medium for identification of, 1951
Colorimeter, Evelyn, determination of phenol red with, 732
photoelectric, alternating current, 416
Colorimetric determinations, temperature for, 1062
quantitation by Oesting's technique, 881
Common cold, familial nonreaginic food allergy as predisposing cause of, 757
Compleat pediatrician, 1077 (B. Rev.)
Complement fixation test, gonococcus, 391
with specific allergens in hay fever, 1586
Complex, author publisher printer, 918 (B. Rev.)
Composition tubes as substitute for glass, 1957
Congenital absence of spleen, 772
Congestive heart failure, 1893
chronic, influence of, on cardiac hypertrophy, 1239
Constant injection apparatus, 1647
rate injections, apparatus for, 383
Copper and iron on hemoglobin regeneration, effect of, 832
metabolism of, 734
Coronary occlusion, insulin allergy simulating, 1090
sclerosis, influence of, on cardiac hypertrophy, 1239
thrombosis, 1895
Correspondence, Seidell, A., 596
Steele, Jack G., 596
Weisman, Abner I., 1711
Corynebacteria, virulence of, diagnostic method for testing, 553
Cotton-plug wrapping machine for bacteriologic culture tubes and bottles, 1040
Cover slips, practical substitute for, 1397 (Abst.)
Cozymase, recovery of, 33
Crayon sauce technique for medical illustration, 1687
Creatine compounds, 200
conversion of creatinine into, in normal urine, 1673
excretion, 990
of blood, microdetermination of, 874
Creatinine, conversion of, into creatine in normal urine, 1673
excretion, 990
of blood, microdetermination of, 874
Cross agglutination methods, 557
Crystallization, sodium chloride, by cerebrospinal fluid, 483
Culture, bacteriologic, of bone marrow in typhoid fever, 1024
media, apparatus for titrating, 1375
medium, developing egg as, 242
tubes and bottles, bacteriologic, cotton-plug wrapping machine for, 1040
Cultures, bacterial, pH and oxidation-reduction potential of, 1513
blood, arterial and venous, 382
Cutaneous carcinoma, 591 (Abst.)
hypersensitivity to iodine, 302
"venostasis" bleeding time technique, 1812
Cystine content of hydrolysates of blood sera in experimental pneumonia in dogs, 1635

D

Darkfield, new technic for, 751 (Abst.)
Dehydrating agent, isopropyl alcohol as, 1788
Dental disease, bacteriemia in patients with, 801
Depressor effect of potassium sulfocyanate, 658
Dermatologic therapy, some recent advances in, 1403
Desoxycorticosterone acetate on hypochloremia in pneumonia, effect of, 1642
Developing egg as culture medium, 242
Dextrose tolerance, tests of newborn, 436 (Abst.)
yeast extract medium for isolation of fungi from sputum, 1195
Diabetes insipidus, cerebrospinal fluid in, 1235 (Abst.)
mellitus, 36
clinical, and hyperinsulinism, 440 (B. Rev.)
renal threshold for glucose in, 750 (Abst.)
Diabetic individuals, influence of glycerol on glycemia, 526
manual, simplified, 1237 (B. Rev.)
Diagnostic method for testing virulence of Corynebacteria, 553
value of Takata-Ara reaction in cerebrospinal fluid, 1079
Diaphane, use of, for mounting Giemsa type preparations, 869
Diazobenzenesulfonic acid, determination of bilirubin in urine with, 423
Diazotization of bilirubin in chloroform, 1206
Diet, effect of, on arterial and venous glucose tolerance curves in rheumatoid arthritis, 675
in etiology and treatment of spontaneous hypoglycemia, 828
Diffractometer, measurement of red blood cell diameter by, 696
Digitalis, intravenous administration of magnesium sulfate with, 1116
poisoning, pathologic lesions produced by, 1565
Directory of medical specialists, 918 (B. Rev.)
Disease, dental, bacteriemia in patients with, 801
Paget's hyperphosphatasemia of, 1333
Raynaud's, capillary studies in, 1729
Simmonds' chromophobe pituitary adenoma with, 1289
treatment of, preserved blood "banks" in, 82
Weil's, in Hawaii, 750 (Abst.)
Diseases, allergic, histamine treatment of, 802
fungous, 256
infectious, chemistry of, 1500, 1635
neoplastic, 755 (B. Rev.)
Dissecting and operating table, 1197
Distillation of nitrogen, 1843
Distilling apparatus, 399
dust trap, 700
Diuresis, 211
Diuretics and laxatives, 135

Dogs, blood of, biochemical studies of, 996
experimental pneumonia in, polarographic study of blood sera in, 1500
insufflation anes hesia in, intubation tubes for, 854
Doses of radioactive phosphorus in rodents, distribution of, 1014
Drug addicts, falciparum malaria of, laboratory studies in, 1034
Drugs and vitamins with cell catalysts, interaction of, 20
"Dry ice," freezing of tissues with, 1799
Dust, lead, effect of vitamin C on workers exposed to, 1478
trap, distilling, 700
Dye, Evans blue, measurement of cell volume of blood by, 1829
Dyes, osteotropic, in modified line test for vitamin D, 714
Dyscrasias, blood, blood lipids in, 1978
Dystrophia myotonica, studies in, 990, 1506

E

Ear vein of rabbit, aid in injection of, 1956
Edematous pancreatitis, acute, 1901
Editorial, clinical chemistry, 441
We celebrate our silver anniversary, 1
Egg albumen, development of sensitivity to, in guinea pig, 1603
developing, as culture medium, 242
oil, effect of, on tubercle bacilli, 1073 (Abst.)
Electric shock, effects of, on blood pyruvate, lactate, and glucose, 1928
Electrocardiographic changes following intravenous administration of magnesium sulfate, 1116
Electrocardiography, 595 (B. Rev.)
Electrodes, glass, buffers and indicators with or without, 568
ocular and intranasal, techniques for obtaining electroencephalograms using, 1659
Electroencephalograms, techniques for obtaining, 1659
Electrophoresis of allergens, 181
of antibodies in allergy, 180
with special reference to serum and allergens, 174
Embalming fluids, 1077 (B. Rev.)
Emulsion, cholesterol, preparation of, 1679
Endocarditis, acute, due to anaerobic pneumococcus, 307
Endocrinologic therapy, 1409
Englishman's food, 1238 (B. Rev.)
Eosinophilia following liver therapy, development of, 457
Epilepsy, newer methods of investigation and treatment, 232
Epileptic patients on bromide therapy, iodine absorption by serum of, 836
Epinephrine injected into pericardial sac, 297
output from adrenal glands in experimental hyperthyroidism, 981
secretion from adrenal glands in parathyroid activity, 1084
Ergograph for student use, 857
Ergometer, manually operated, 1357
Erythrocyte morphology in hemolytic anemia, 1235 (Abst.)
resistance, microfragility test for measuring, 703
response to treatment of pernicious anemia, 1235 (Abst.)
Erythrocytes, decreased fragility of, interfering with leucocyte count, 1953
Eserine (physostigmine) and prostigmine, 24
Essential hypertension, 916 (Abst.)
left ventricular failure due to, 1891
Essentials of applied medical laboratory technic, 1077 (B. Rev.)
Ester-hydrolyzing activity of central nervous system, 1017
Estrogens, continuous extractor for, 581
Evans blue dye method, measurement of cell volume of blood by, 1829
Evelyn colorimeter, determination of phenol red with, 732
Experimental and clinical phenomena, autonomic nervous system in relation to, 4
hypertension, renal aspects of, 1713
Experimental—Cont'd
lesions in kidneys of rabbits, 950
poliomyelitis, 755 (B. Rev.)
thrombocytopenic purpura in guinea pig, 648
Exposure to benzol, disturbances in blood following, 957
Extracellular fluid volume, measurement of, with thiocyanate and body fluid analyses, 1383
Extraction of urinary androgens, 881
Extractives, meat, in studies of gastric function, 823
Extractor for estrogens and androgens, 581
Extremities, apparatus to record movement of, 1344
lower, in chronic arthritis, arterial circulation of, 974

F

Failure of left ventricle, 1891
Falciparum malaria of drug addicts, laboratory studies in, 1034
Falling drop principle, determining specific gravity of body fluids by, 564
technique, determination of whole blood specific gravity by, 1681
Familial nonreaginic food allergy, 1878
as predisposing cause of common cold, 757
Fat cell, role of, 90
Feces, isolation of paratyphoid, dysentery, and typhoid from, 592 (Abst.)
Ferment investigation, methods of, 1557 (B. Rev.)
Ferricyanide reduction, photometric determination of sugar in biological fluids by, 1969
Fever, inhibitory effect of, on anaphylactic phenomena, 125
Fibrinogen in healthy individuals, 1838
Fixing brain and spinal cord in one piece, 1809
Fluids, embalming, 1077 (B. Rev.)
tissue, in diuresis, 211
Fluorescein method, 1966
Flying, high altitude, medical problems, 263
Follicular lymphoblastoma, 1395 (Abst.)
Food allergy, familial nonreaginic, 1878
as predisposing cause of common cold, 757
Englishman's, 1238 (B. Rev.)
Formol-gel reaction, 1211
Foundations of short wave therapy, 1400 (B. Rev.)
Fragility of erythrocytes, decreased, interfering with leucocyte count, 1953
of mammalian and avian erythrocytes, 711
Francis test, 1555 (Abst.)
Freezing of tissues with "dry ice" for microtome sectioning of entire brain, 1799
Fundamentals of internal medicine, 439 (B. Rev.)
Fungi and fungous diseases, 256
in respiratory allergy, importance of, 1593
isolation of, from sputum, 1195
Fungous diseases, 256
Fungus infections, 246

G

Gas analysis, blood for, anaerobic drawing and sampling of, 1685
Gastric function, meat extractives in, 823
juice, composition of, variations in, 682
influence of protein on acidity and pepsin, 682
Gastroduodenal ulceration, treatment of, 506
Gastroenterology, use of simultaneous aspirators in, 1184
Gastrointestinal lesions, phenolphthalein test for, 687
Germicides, 136
Giardia infections, specific chemotherapy of, 1465
Giemsa type preparations, use of diaphane for mounting, 869
Girls, healthy, blood sedimentation rate, 987
Gland, parotid, influence of, on blood sugar, 1009

Glass capsule manometer for recording blood pressure, 1520
composition tubes as substitute for, 1957
electrode, precision, standardization of measurements with, at various temperatures, 892
syringe type, for measurement of blood pH, 884
electrodes, buffers and indicators with or without, 568
Glassware, cleaning mixture for, 1797
Globulin in healthy individuals, 1838
serum, in hyperglobulinemia, 1211
Glomerulonephritis, acute, capacity of kidney to concentrate urine in, 1160
Gluconate, ammonium, behavior of, in animals and man, 1574
Gluconic acid and ammonium gluconate in animals and man, 1574
Glucose, effects of insulin, metrazol, and electric shock on, 1928
renal threshold for, 750 (Abst.)
tolerance, 593 (Abst.)
alteration of, by changes of diet, 360
curves in rheumatoid arthritis, effect of diet on, 675
effect of large doses of insulin on, 1073 (Abst.)
tests, results of, 1506
Glycemia, influence of glycerol on, 526
Glycerol, influence of, on glycemia, 526
Gold colloid in treatment of rheumatoid arthritis, 918
colloidal, 592 (Abst.)
excretion of, following administration of gold sodium thiomalate in rheumatoid arthritis, 1750
salts, toxic reactions with, in treatment of rheumatoid arthritis, 1629
sodium thiomalate, effect of, on serum in patients with rheumatoid arthritis, 1274
in rheumatoid arthritis, excretion of gold following administration of, 1750
Gonococcus complement fixation test, 391
Gonorrhea, bacteriologic diagnosis in, of male, 643
culture method in diagnosis of, 436 (Abst.)
Gram stain, modification of, 1518
Gram-positive organisms, method of staining, in frozen sections, 1076 (Abst.)
Granulocytopenia, primary splenic, 96
Granuloma, systemic reticulo-endothelial, 1398 (Abst.)
venereal and nonvenereal, of vulva, 434 (Abst.)
Guanidine-like substances in blood, 530
Guinea pig complement, surface tension measurements and hemolytic activity of, comparison of, 1599
for virulence testing, use of, 863
sensitivity to egg albumen and ragweed pollen extracts in, development of, 1603
thrombocytopenic purpura in, 648
pigs, blood cells of, study of, 1364
thyreoactivator-treated, oxygen consumption of, apparatus for studying, 1521
Gum acacia, effects of, on liver, 330
leucocytes in blood containing, method for counting, 1664

H

Hamdi's preserving solution, 915 (Abst.)
Hanging-drop technique, 557
Hay fever, specific allergens in, complement fixation with, 1586
Heart failure cells, hemosiderin pigment in, staining method for, 700
chemical changes in, 207
chronic congestive, influence of, on cardiac hypertrophy, 1239
congestive, 1893
human, chemical observations on, 199
Height, hypertension in relation to, 930
Hematocrit tube cleaner, 393
filling pipette, 1348
Hematologic studies of blood and stroma in polycythemia and beef embryo, 1492
Hematology, principles of, 440 (B. Rev.)
Hematopoietic, familial, disorder in Italians, 438 (Abst.)
Hematuria, diagnostic value of occult, 435 (Abst.)
Hemoconcentration, 120, 1934
Hemoglobin, determination of, 397
collecting small blood samples for, 395
estimation with undiluted reduced blood, 1823
microdetermination of, 1074 (Abst.)
regeneration, effect of copper and iron on, 832
response to varying dosages of iron, comparison of, 1482
Hemoglobinometer, photoelectric, observations with, 1054
Hemoglobinuria, paroxysmal nocturnal, with hemolytic anemia, 1434
Hemolytic activity of guinea pig complement, 1599
anemia, 65, 1235 (Abst.)
paroxysmal nocturnal hemoglobinuria with, 1434
Hemorrhage, plasma volume and plasma protein concentration after, 1144
Hemorrhagic diseases, blood clotting anomalies in, 52
Hemorrhoids and their treatment, 1400 (B. Rev.)
Hemosiderin pigment in heart-failure cells, staining method for, 700
Heparin, 1559
Hepatic disease, 915 (Abst.)
Hepatitis, toxic, due to sulfanilamide, 785
High altitude flying, medical problems of, 263
Hinton test for syphilis, 637
Hippuric acid in urine, determination of, 729
liver function test, intravenous method, 1330
Histaminase, effect of, on Shwartzman phenomenon, 1432
treatment of allergic disorders with, 110
Histamine, 26
therapy in allergy, 499
treatment of allergic diseases, 802
disorders with, 110
Histologic grading, macronucleolus and nucleonucleolar ratio of cancer to, 1612
Histological technic, 1401 (B. Rev.)
Histology, pathological, 1078 (B. Rev.)
Histopathologic changes in myelinated nerve fibers following artificially induced hyperpyrexia, 1295
study, critical, 443
Histopathology of peripheral and central nervous systems, 1078 (B. Rev.)
Histoplasmosis, systemic, 260
Hormone factors, 217
Horsley-Clarke's stereotaxic instrument, stand for aseptic operations with, 1657
Human births, multiple, 1238 (B. Rev.)
blood, coenzymes I and II, 31
heart, chemical observations on, 199
skin, light reflection from, photographic aspect of, 1852
Hydatidiform mole, genesis of, 754 (Abst.)
Hydrolysates of blood sera, cystine content of, 1635
Hydrolysis, urinary porphyrin before and after, 1676
Hyperglobulinemia, serum globulin in, 1211
Hyperinsulinism, clinical diabetes mellitus and, 440 (B. Rev.)
Hyperparathyroidism, 1087
Hyperphosphatasemia of Paget's disease, 1333
Hyperpyrexia, artificially induced, histopathologic changes in myelinated nerve fibers following, 1295
Hypersensitivity, cutaneous, to iodine, 302
Hypertension and the surgical kidney, 1707 (Abst.)
arterial, 344
effect of nephrectomy upon, 916 (Abst.)
essential, left ventricular failure due to, 1891
evidence for, 1241
experimental and clinical, renal aspects of, 1713
in relation to height, 930
orthostatic, 1398 (Abst.)
variation with body build and obesity, 930

Hyperthyroid and myxedematous states, sternal bone marrow in, 1234 (Abst.)
Hyperthyroidism, epinephrine output from adrenal glands in, 981
liver function in, 1331
Hypertrophy, cardiac, 1239
Hypnotics, 132
in animals, antidotal action of, 1256
Hypochloremia in pneumonia, effect of desoxycorticosterone acetate on, 1642
Hypodermoclysis, use of sodium sulfapyridine by, 594 (Abst.)
Hypoglycemia, spontaneous, diet in, etiology and treatment of, 828
Hypoprothrombinemia, intravenous use of 2-methyl-1, 4-naphthoquinone in, 1865 (Abst.)
vitamin K activity of 2-methyl-1, 4-naphthoquinone and 4-amino-2-methyl-1-naphthol in, 818

I

Illuminator, vertical, for student microscope, 868
Illustration, introduction to, 740
Immune bodies, effects of gum acacia on production of, 330
Immunologic test for human blood and human protein in stools, 1030
Indicators with or without glass electrodes, 568
Indoluria in rheumatoid arthritis, 1939
Infantile paralysis, infective stools in, 1906
Infection, sources of, 1075 (Abst.)
Infections, urinary, organized sediment following pyridium administration in, 1768
virus, 244
Infectious diseases, chemistry of, 1500, 1635
mononucleosis, syphilis in, serologic reactions for, 1439
Infective stools in infantile paralysis, 1906
Infestation, Strongyloides stercoralis, case of, 1608
Infusions, intravenous, massive, in narcotic poisoning, 1140
Inhibitory effect of fever on anaphylactic phenomena, 125
Injection apparatus, constant, 1647
of ear vein of rabbit, aid in, 1956
Injections, constant rate, apparatus for, 383
Ink-writing pointer in kymographic work, 1650
Insemination, artificial, of white rat, 1361
Insufflation, uterotubal, experimental, 1447
in rabbit, 1129
Insulin allergy simulating coronary occlusion, 1090
effect of, on glucose tolerance, 1073 (Abst.)
effects of, on blood pyruvate, lactate, and glucose, 1928
Internal medicine, fundamentals of, 439 (B. Rev.)
Intestinal mucous membrane, allergic reaction in, 1869
Intoxication, use of urine in chemical test for, 1555 (Abst.)
Intramuscular administration of sodium sulfapyridine, 314
Intranasal electrode, electroencephalogram using, 1659
Intrastate evaluation of serologic tests for syphilis, 1789
Intravenous administration, experimental, preparation of cholesterol emulsion for, 1679
of liver extract in patients with sickle-cell anemia, 1470
injection of colloids, 330
Intubation tubes for insufflation anesthesia in dogs, 854
In vivo study in rabbit, 1111
Iodine absorption by serum of epileptic patients on bromide therapy, 836
content of blood, urine, and saliva of normal persons, 1942
of whole blood and serum, 365
cutaneous hypersensitivity to, 302
Iodophthalein in treatment of typhoid-paratyphoid carriers, 1072 (Abst.)
Iontophoresis, administration of acetyl-β-methylcholine chloride by, 1012
Iron, effect of, on hemoglobin regeneration, 832
Iron, effect of—Cont'd
on phosphorus, calcium, and nitrogen metabolism, 351
ingested, effect of, on tests for occult blood in stools, 727
metabolism of, 734
varying dosages of, hemoglobin response to, comparison of, 1482
Irritation, peritoneal leucocyte changes in, 468
Isolation and identification of poisons, 1077 (B. Rev.)
of Brucella from human brucellosis, technique for, 1961
of sporulating anaerobes, 1957
Isopropyl alcohol as dehydrating agent and preservative for biological specimens, 1788
Item, announcement of unassembled examination, 1866

J

Jaundice, bilirubin in persons with, 576
dextrose tolerance in, 1992 (Abst.)
hemolytic, congenital, 95
renal lesions associated with, 914 (Abst.)

K

Kahn test for syphilis, 637
Kidney, capacity of, to concentrate urine in acute glomerulonephritis, 1160
function, 212
of rabbits, experimental lesions in, 950
parenchyma in diuresis, 211
surgical, hypertension and, 1707 (Abst.)
Kline syphilitic test, antigen pipette for, 562
test for syphilis, 637
Kymographic work, cellophane straw used as an ink-writing pointer in, 1650

L

Labor, vitamin K administered to mothers in, 1305
Laboratory, clinical, determination of vitamin nutrition, 45
photography with method of preparing photomicrographs, 1064
studies in falciparum malaria of drug addicts, 1034
text in pharmacology, 1078 (B. Rev.)
Lactate, effects of insulin, metrazol, and electric shock on, 1928
Lantern slides, a new technique, 1224
Lead absorption and intoxication in man, 913 (Abst.)
dust, workers exposed to, effect of vitamin C on, 1478
in experimental asphyxia of tumors, 1120
Leprosy, 1236 (B. Rev.)
Leptotriches of Parinaud's conjunctivitis and gram-positive microorganisms, staining within tissues, 1554 (Abst.)
Lesion, histological, in lymph nodes in infectious mononucleosis, 1233 (Abst.)
Lesions, gastrointestinal, phenolphthalein test for, 687
in kidneys of rabbits, 950
of brain and spinal cord, regional diagnosis, compendium of, 756 (B. Rev.)
pathologic, in organs of cats, guinea pigs, and frogs, 1565
Leucemia, 38
Leucemias, blood chemistry observations in, 1310
Leucocyte changes in acute peritoneal irritation, 468
count, decreased fragility of erythrocytes interfering with, 1953
following transfusion of preserved blood, 1911
Leucocytes, change in number of, in pneumococcic infection, 1708 (Abst.)
in blood containing gum acacia, method for counting, 1664
motility and chemotaxis of, 1399 (Abst.)
Leucocytosis, mechanism of, 1074 (Abst.)
Levulosuria, 1553 (Abst.)
Light reflection from human skin, photographic aspect of, 1852
Line test for vitamin D, osteotropic dyes in, 714
Lipase, serum, 1231 (Abst.)
Lipid metabolism, 184

Lipids, blood, in blood dyscrasias, determination of, 1978
Liver disease, Takata-Ara test in, 156
extract in patients with sickle-cell anemia, 1470
function test, hippuric acid, 1330
gum acacia, effects of, on, 330
histopathologic findings in, 785
therapy, eosinophilia following, development of, 457
treatment of polycythemia vera with, 1137
Lobeline, determination of blood velocity by, 766
Low-grade chronic illness, 621
nonfilament-filament ratio following administration of autogenous vaccines to persons with, 1453
Lung air, alcohol of, 1527
Lymphoblastoma, follicular, 1395 (Abst.)
Lymphosarcoma, case of, report of, 630

M

Macronucleolus and nucleonucleolar ratio of cancer to histologic grading, 1612
Magnesium content of blood serum and urine, 521
sulfate in bronchial asthma, 340
intravenous administration of, electrocardiographic changes following, 1116
Malaria, falciparum, of drug addicts, laboratory studies in, 1034
Malignant tumors, primary, of spleen, 630
Manometer, glass-capsule, for recording blood pressure, 1520
Manson's tropical diseases, 439 (B. Rev.)
Manually operated ergometer, 1357
Marchiafava-Micheli syndrome, 1434
Marrow, sternal, aspirated, method for preparing smears and sections of, 1784
Massive intravenous infusions in narcotic poisoning, 1140
Materia medica, toxicology, and pharmacology, synopsis of, 1709 (B. Rev.)
Mazzini test for syphilis, 637
Measurement of pH and oxidation-reduction potential of bacterial cultures, 1513
of red blood cell diameter by diffractometer, 696
Measurements, surface tension, of guinea pig complement, 1599
Meat extractives in studies of gastric function, 823
Mechanically recording blood sedimentation curves, 1945
Media, culture, apparatus for titrating, 1375
Medical drawings, types of, 1688
illustration, 740, 901, 1064, 1224, 1388, 1687, 1852, 1981
laboratory technic, applied, essentials of, 1077 (B. Rev.)
problems of high altitude flying, 263
specialists, directory of, 918 (B. Rev.)
subjects, rubber casts of, 1981
Medicine, practice of, 1400 (B. Rev.)
Medium, culture, developing egg as, 242
dextrose yeast extract, for isolation of fungi from sputum, 1195
sugar, for identification of colon-typhoid group, 1951
Meningitis, pneumococcic, treatment of, 1705, 1707 (Abst.)
treatment of, with sulfapyridine, 1705 (Abst.)
Menotoxin, studies on, 598
Menstrual disorders and sterility, diagnosis and treatment of, 1709 (B. Rev.)
Metabolism apparatus for studying oxygen consumption of guinea pigs, 1521
carbohydrate, 20
metals in, 1093
effect of iron on phosphorus, calcium, and nitrogen, 351
of iron and copper, 734
studies, rat cage for, 1849
Metals, heavy, colloids of, in treatment of rheumatoid arthritis, 1918
in carbohydrate metabolism, 1093
Methods of ferment investigation (Section 1), 1557 (B. Rev.); (Sections 2, 3, 4), 1557 (B. Rev.)
2-methyl-1, 4-naphthoquinone in hypoprothrombinemia, 818, 865 (Abst.)
Metrazol, effects of, on blood pyruvate, lactate, and glucose, 1928
Mice, subcutaneous administration of protamine to, 1416
Micro test of plasma prothrombin, 723
Microanalysis, system of, 1838
Microdetermination of nonprotein nitrogen, urea nitrogen, creatine, and creatinine of blood, 874
Microdiffusion method for estimation of acetone, clinical application of, 878
Microfragility test for measuring erythrocyte resistance, 703
Microhemopipette method, combination, 703
Microscope, vertical illuminator for, 868
Microscopes, polarizing device for, 694
Microtitration apparatus, 1375
Microtome sectioning of entire brain, 1799
Micturition, physiology of, 1237 (B. Rev.)
Milk spots, pericardial, 435 (Abst.)
Mole, hydatidiform, genesis of, 754 (Abst.)
Monilia simulating pulmonary tuberculosis, bronchiectasis associated with, 624
Monkey, allergic reactions in organs of, 1870
Monocyte, 92
Mononucleosis, infectious, 1223 (Abst.)
syphilis in, serologic reactions for, 1439
Morphine, 25
Moulage prosthesis, 901
Mounting Giemsa type preparations, use of diaphane for, 869
Mouse cage, model, 701
Movement of extremities, apparatus to record, 1344
Muscle, intact, activity of, effects of decreased temperature on, 1913
Musculo-skeletal system, polymorphonuclear toxic index in affections of, 754 (Abst.)
Myelinated nerve fibers, histopathologic changes in, 1295
Myocardial fibrosis, influence of, on cardiac hypertrophy, 1239
insufficiency, 203

N

Narcotic poisoning, effect of massive intravenous infusions in, 1140
Nasal simultaneous aspirator, use in gastroenterology, 1184
Nasopharynx, relation of, to ulcerative colitis, 1925
Negro, blood serum calcium in, 1644
Neoplastic diseases, 755 (B. Rev.)
Nephritis, 194
Nerve fibers, myelinated, histopathologic changes in, 1295
Nervous system, autonomic, in relation to experimental and clinical phenomena, 4
central, ester-hydrolyzing activity of, 1017
torula infection of, 299
systems, peripheral and central, histopathology of, 1078 (B. Rev.)
Nessler's reaction, 1062
Newborn, blood prothrombin levels in, determination of, 1379
effect on, of vitamin K administered to mothers in labor, 1305
New York City area, iodine content of blood, urine, and saliva of normal person in, 1942
Nicotine from cigarette smoke, absorption of, 1322
Nicotinic acid, effect of, on blood coagulation, 1556 (Abst.)
in blood and urine, determination of, 1042
Nitric and sulfuric acids, cleaning mixture, 1797
Nitrogen, distillation of, 1843
metabolism, effect of iron on, 351
Nomograms, elimination of, in determination of whole blood specific gravity by falling-drop technique, 1681
Nonfilament-filament ratio changes following administration of autogenous vaccines to persons with low-grade chronic illness, 1453
in patients with low-grade chronic illness, 621
Nonprotein nitrogen of blood, microdetermination of, 874
Nonreaginic food allergy, familial, 1878
as predisposing cause of common cold, 757

Nontraumatizing method of inducing pneumococcic infection in albino rats, 1181
N-propyl disulfide anemia, biochemical studies of blood of dogs with, 996
Nucleonucleolar and macronucleolus ratio of cancer to histologic grading, 1612
Nutrition, vitamin, determination of, 45

O

Obesity, appetite of patients with, effect of belladonna on, 477
  hypertension in relation to, 930
Objective circulation time test, 1966
Occlusion, coronary, insulin allergy simulating, 1090
Occult blood in stools, effect of ingested iron on tests for, 727
Ocular electrode, electroencephalograms using, 1659
Oesting's technique, colorimetric quantitation by, 881
Operating table, 1197
Opsonocytophagic indices, method for staining blood smears in determining, 1811
  test, evaluation of, 1396 (Abst.)
Oral administration of typhoid vaccine, protective antibodies produced by, 1583
  ingestion, appearance of blood bromide after, 1325
  simultaneous aspirator, use in gastroenterology, 1184
Organic acid-soluble phosphorus of red blood cells, 190
  chemicals for therapeutic use, development of, 131
  solvents, bilirubin in, solution and diazotization of, 1206
Organs, abdominal, allergy of, 1867
  of cats, guinea pigs, and frogs, pathologic lesions in, 1565
Orthostatic hypertension, 1398 (Abst.)
Oscilloscope, 1352
Osmic acid, method of staining fat in frozen sections with, 1991 (Abst.)
Osteotropic dyes in modified line test for vitamin D, 714
Oven, paraffin, temperature, 559
Overdosage of sulfapyridine, 1256
Oxidation-reduction potential of bacterial cultures, vessel for measurement of, 1513
Oxygen consumption of control and thyreoactivator-treated guinea pigs, apparatus for studying, 1521
  of air in oxygen tent, absorption bulb and syringe for determining, 1376
  tension, atmospheres of varying, effect of sulfapyridine in pneumococcus infected mice in, 1915
  tent, determining oxygen of air in, 1376
Oxygenator for blood, 1803

P

Paget's disease, hyperphosphatasemia of, 1333
p-Aminobenzoic acid, inhibition of action of sulfanilamide by, 917 (Abst.)
Pancreatitis, edematous, acute, 1901
Paraffin oven, temperature, 559
Paralysis, infantile, infective stools in, 1906
Parasitology, clinical, 1401 (B. Rev.)
Parathyroid activity, adrenal glands in, epinephrine secretion from, 1084
Parotid gland on blood sugar, influence of, 1009
Paroxysmal nocturnal hemoglobinuria with hemolytic anemia, 1434
Pathologic conditions, Saccharomyces fragilis Jorgensen associated with, 294
Pathological histology, 1078 (B. Rev.)
Pathology, cardiovascular, experimental studies in, 1565
  of reticulo-endothelial system, 89
Pediatrician, compleat, 1077 (B. Rev.)
Pellagra, 35
Pencil dust technique for medical illustration, 1695
Penetrometer study, 1775
Pericardial sac, epinephrine injected into, 297
Pericardium, milk spots, 435 (Abst.)
Peritoneal irritation, acute, leucocyte changes in, 468
Pernicious anemia, 458, 1235 (Abst.)
  blood chemistry determinations in, 1177
pH, blood, syringe type glass electrode for measurement of, 884
  measurements with precision glass electrode at various temperatures, standardization of, 892
  of bacterial cultures, vessel for measurement of, 1513
Phagocytic cells of mammalian tissues, 92
Pharmacological basis of therapeutics, 1710 (B. Rev.)
Pharmacology, laboratory text in, 1078 (B. Rev.)
  materia medica, toxicology and, synopsis of, 1709 (B. Rev.)
  of silica, 774
Phenol red, determination of, with Evelyn colorimeter, 732
Phenolphthalein in urine, 1148
  studies, 1148
  test for gastrointestinal lesions, 687
Phenolsulphonephthalein test of renal function, 587
β-phenylethylamine, 134
Phosphorus compounds, 200
  effect of iron on, 351
  of red blood cells, 190
  radioactive, in rodents, 1014
Photelometric determination of bilirubin in urine, 423
Photoelectric colorimeter, alternating current, 416
  hemoglobinometer, observations with, 1054
  procedures for microdetermination of nonprotein nitrogen, urea nitrogen, creatine, and creatinine of blood, 874
Photographic aspect of light reflection from human skin, 1852
Photography, with a method of preparing photomicrographs, 1064
Photometric determination of sugar in biological fluids by ferricyanide reduction, 1969
Photomicrographs, new method of preparing, 1064
Photostatic camera, 386
Physical studies of blood and stroma in polycythemia and beef embryo, 1492
Physicians, American College of, 1709 (B. Rev.)
Physiology of micturition, 1237 (B. Rev.)
  of reticulo-endothelial system, 89
Physostigmine, 24
Phytotoxic reactions of some blood sera, 597
Pipette, antigen, for Kline syphilitic test, 562
  automatic, 1668
  hematocrit tube filling, 1348
Pipetting machine, 1668
Pituitary adenoma, chromophobe, with Simmonds' disease, 1289
  gland, disease of, alteration of glucose tolerance in, 360
Plants, edible wild, 756 (B. Rev.)
Plasma, acid-base balance in, 513
  albumin in healthy individuals, 1838
  blood, ascorbic acid in, determination of, 1542
    in diuresis, 211
  protein concentration after severe hemorrhage, 1144
  prothrombin, micro test of, 723
  specific gravity of, 1934
  volume concentration after severe hemorrhage, 1144
Platelet factor in thrombocytopenic purpura, 489
Pneumococcic infection, 1708 (Abst.)
    in albino rats, nontraumatizing method of inducing, 1181
  type-specific, immune reactions of carriers and noncarriers of, 1553 (Abst.)
Pneumococcus, anaerobic, 307
  infected mice, therapeutic effect of sulfapyridine in, 1915
  typing by "Quellung" reaction, improved technique for, 1672
    in pneumonia, 1075 (Abst.)
Pneumonia, allergic, 1427
  amniotic fluid, chronic, 772
  experimental, in dogs, polarographic study of blood sera in, 1500
  hypochloremia in, effect of desoxycorticosterone acetate on, 1642

Pneumonia—Cont'd
in dogs, cystine content of hydrolysates of blood sera in, 1635
in rats, treatment of, 1284
patients, clinical reactions in, 1461
pneumococcal, 38
pneumococcus typing in, 1075 (Abst.)
recurrence in, 1262
Sabin agglutination test as control of sulfapyridine treatment of, 752 (Abst.)
tests as indices in recovery in, 1555 (Abst.)
treatment of, combined effects of sulfapyridine and barbiturates, 793
with sulfapyridine, 1866 (Abst.)
Poisoning, digitalis, pathologic lesions produced by, 1565
narcotic, effect of massive intravenous infusions in, 1140
Poisons, their isolation and identification, 1077 (B. Rev.)
Polarized light method, histopathologic changes in myelinated nerve fibers observed by, 1295
Polarizing device for microscopes, 694
Polarographic study of blood sera in experimental pneumonia in dogs, 1500
Poliomyelitis, experimental, 755 (B. Rev.)
Pollen, atmospheric, at Moscow, Idaho, 311
Polycythemia, blood and stroma in, 1492
vera, treatment of, 1137
Polymorphonuclear toxic index in affections of musculo-skeletal system, 754 (Abst.)
Porphyrin, urinary, before and after hydrolysis, 1676
Porphyrinogenesis, theory of, 323
Potassium studies in arterial hypertension, 344
sulfocyanate, depressor effect of, 658
Practice of medicine, 1400 (B. Rev.)
Precipitin reactions in rheumatoid arthritis, 464
Pregnancy disorders, pregnanediol in, 1555 (Abst.)
late, blood findings in, 1487
toxemias of, blood during, 664
Visscher-Bowman chemical test for, 1374
Pregnanediol excretion, 1555 (Abst.)
Pregnant women, acid-base balance in plasma and blood cells of, 513
Preservation, blood, studies in, 1473
of specific anti-M and anti-N agglutinins with toluol, 866
Preservative for biological specimens, 1788
Preserved blood "banks" in transfusion, 82
transfusion of, leucocyte count following, 1911
Pressor agents, 134
Primary malignant tumors of the spleen, 630
Principles of hematology, 440 (B. Rev.)
Problems in lipid metabolism, 184
Prosthesis, moulage, 901
Prostigmine, 24
Protamine, subcutaneous administration of, to rabbits and mice, 1416
Protective antibodies produced by typhoid vaccine, 1583
Protein, human, in stools, immunologic test for, 1030
plasma, concentration after severe hemorrhage, 1344
serum, determination of, 1046
Proteins, electrical charge of, 174
isoelectric point of, 174
Prothrombin, 1990 (Abst.)
determination in blood, 408
estimation using Russell viper venom, 1366
in citrated blood, 1473
in newborn, determination of, 1379
time, determination of, 1058
plasma, micro test of, 723
Protozoal infection, 246
Public health, bacteriology of, 1558 (B. Rev.)
and chemistry, handbook of, 1237 (B. Rev.)
Puerperal women, acid-base balance in plasma and blood cells of, 513
Pulmonary tuberculosis, monilia simulating bronchiectasis associated with, 624
Purpura, allergy in relation to, 1105
production of, 493
thrombocytopenic, 913 (Abst.)
in guinea pig, 648
Pyridium administration in urinary infections, organized sediment following, 1768
Pyruvate, blood, in vitamin B_1 deficiency, 1314

Q

Quantitation, colorimetric, by Oesting's technique, 881
Quantitative estimation of acetone and acetoacetic acid in urine, 1216
of serum globulin in hyperglobulinemia, 1211
"Quellung" reaction, pneumococcus typing by, improved technique for, 1672
Quick's test simplified by use of stable thromboplastin, 1990 (Abst.)

R

Rabbit, ear vein of, aid in injection of, 1956
heart blood samples, blood sugar values from, 725
in vivo study in, 1111
serum, antipneumococcic, 1461
uterotubal insufflation in, 1129
Rabbits, kidneys of, experimental lesions in, 950
subcutaneous administration of protamine to, 1416
Rack for syringe outfit in use, 388
Radioactive phosphorus in rodents, distribution of doses of, 1014
Ragweed pollen extracts, development of sensitivity to, in guinea pig, 1603
Rat, albino, pneumococcic infection in, nontraumatizing method of inducing, 1181
cage for metabolism studies, 1849
pneumonia in, treatment of, 1284
white, artifical insemination of, 1361
Ratio, macronucleolus and nucleonucleolar, of cancer to histologic grading, 1612
of free to total phenolphthalein in urine, 1148
Raynaud's disease, capillary studies in, 1729
Reaction, formol-gel, 1211
phytotoxic, of some blood sera, 597
precipitin, in rheumatoid arthritis, 464
"Quellung," improved technique for pneumococcus typing by, 1672
Takata-Ara, in cerebrospinal fluid, 1079
Weltmann's coagulation, simple modification of, 1795
Rectum, carcinoma of, 1707 (Abst.)
Red blood cell diameter, measurement of, by diffractometer, 696
cells in acidotic states, acid-soluble phosphorus of, 190
Reduced blood, undiluted, hemoglobin estimation with, 1823
Refrigeration, patients with cancer subjected to, 443
Regional diagnosis in lesions of brain and spinal cord, compendium of, 756 (B. Rev.)
Renal aspects of experimental and clinical hypertension, 1713
function, 1864 (Abst.)
in hypertension, 1718
phenolsulphonephthalein test of, 587
lesion associated with jaundice, 914 (Abst.)
with sulfapyridine therapy, 436 (Abst.)
pathology, clearance tests in relation to, 796
pressor system, 1716
tubules following sulfathiazole, crystalline concretions in, 594 (Abst.)
Respiratory allergy, fungi in, 1593
Resuscitation, methods of, 272
Reticulo-endothelial function of cancer patients, 809
granuloma, 1398 (Abst.)
system, its physiology and pathology, 89
Rheumatoid arthritis, glucose tolerance curves in, effect of diet on, 675
gold salts in treatment of, toxic reactions with, 1629
sodium thiomalate, in, 1750
on, effect of, 1274
indoluria in, 1939
precipitin reactions in, 464
treatment of, 1918
Rhinitis, vasomotor, 802
Riboflavin, 21
Rickettsial infection, 245
infections, bacillary and, 1401 (B. Rev.)

Rodents, radioactive phosphorus in, 1014
Rodilone, toxic effects of, in anoxia, 479
Roentgen sickness, 39
Rouleaux, sedimentation rate of, 545
Rubber casts of medical subjects, 1981
Russell viper venom, prothrombin estimation using, 1366

S

Sabin agglutination test, 1555 (Abst.)
as control of sulfapyridine treatment of pneumonia, 752 (Abst.)
Saccharomyces fragilis Jorgensen, 294
Saliva, iodine content of, in normal persons, 1942
Salmine, subcutaneous administration of, to rabbits and mice, 1416
Salts, gold, in treatment of rheumatoid arthritis, toxic reactions with, 1629
Scarlatinal serums, 1991 (Abst.)
Schick reaction, 1232 (Abst.)
Scientific illustrations, sharpness considerations in making, 1388
Scurvy, human experimental, 1989 (Abst.)
Sediment following pyridium administration in urinary infections, 1768
Sedimentation curves, blood, mechanically recording, 1945
rate in healthy girls, 987
in patients with low-grade chronic illness, 621
technique for, 542
Westergren, technique, 1516
Semisolid double sugar medium for identification of colon-typhoid group, 1951
Sensitivity to egg albumen and ragweed pollen extracts in guinea pig, effect of carbon tetrachloride and thyroxin on, 1603
Septicemia, staphylococcic, 1232 (Abst.)
Sera, blood, cystine content of hydrolysates of, 1635
phytotoxic reactions of, 597
Serologic reactions, false positive, for syphilis in infectious mononucleosis, 1439
tests for syphilis, method for intrastate evaluation of, 1789
transient positive, 791
Serology of syphilis, 139
Serum, albumin-globulin ratio of, 1553 (Abst.)
amylase test, 1901
bacteriostatic properties of, in patients with rheumatoid arthritis, effect of gold sodium thiomalate on, 1274
calcium, blood, in negro, 1644
cholesterol studies following acetyl-β-methylcholine chloride by iontophoresis, 1012
electrophoresis with reference to, 174
globulin in hyperglobulinemia, 1211
human, effect of, on blood antitoxin titer and Schick reaction, 1232 (Abst.)
iodine absorption by, of epileptic patients on bromide therapy, 836
content of, 365
lipase, 1231 (Abst.)
protein, application to, 179
determination of, 1046
rabbit, antipneumococcic, 1461
in type I pneumococcus infection of albino rats, 1284
Sharpness considerations in making scientific illustrations, 1388
Shaving brushes, anthrax in, 1032
Shock, circulatory failure of capillary origin, 751 (Abst.)
pathologic physiology of, 121
Short wave therapy, foundations of, 1400 (B. Rev.)
Shwartzman phenomenon, effect of histaminase on, 1432
Sicca hemometer, 1824
Sickle-cell anemia, liver extract in, 1470
Silica, pharmacology of, 774
Silicic acid, fatal intravenous doses of, 774
Silver anniversary number, 1
Simmonds' disease, chromophobe pituitary adenoma with, 1289
Skin, human, light reflection from, photographic aspect of, 1852
Slide technique, 557
Slides, lantern, 1224
Smears and sections of aspirated sternal marrow, method for preparing, 1784
vaginal, staining, 1200
Smegma bacillus, 1705 (Abst.)
Smoke, cigarette, absorption of nicotine from, 1322
Sodium chloride crystallization by cerebrospinal fluid, 483
studies in arterial hypertension, 344
sulfapyridine, intramuscular administration of, 314
use of, by hypodermoclysis, 594 (Abst.)
urinary, volumetric determination of, 889
Solution and diazotization of bilirubin in chloroform, 1206
Specific gravity apparatus, inexpensive, 1959
of blood and body fluids, 1370
of body fluids, method for determining, 564
of stools, 1775
studies, blood, 1934
determining blood volume changes by, 1545
Sphygmoscope, student, 1192
Spinal cord and brain, device for fixing, in one piece, 1809
fluid, chloride concentrations in, 535
colloidal carbon flocculation test in, diagnostic value of, 1349
Spirochetal infection, 246
Spirocheticides, 137
Splanchnicotomy, bilateral, in dogs, depressor effect of potassium sulfocyanate before and after, 658
Spleen, congenital absence of, 772
tumors of, 630
Splenic factor in thrombocytopenic purpura, 489
Spontaneous hypoglycemia, diet in, 828
Sporulating anaerobes, isolation of, 1957
Sputum, aspiration of, 1396 (Abst.)
isolation of fungi from, 1195
Stain for fat and elastic tissue, combined, 1991 (Abst.)
Gram modification of, 1518
Staining blood smears in determining opsonocytophagic indices, 1811
gram-positive organisms in frozen sections, 1076 (Abst.)
jars, turntable for, 562
method for hemosiderin pigment in heart-failure cells, 700
vaginal smears, 1200
Stand for aseptic operations with Horsley-Clarke's stereotaxic instrument, 1657
Standardization of certain factors in cutaneous "venostasis" bleeding time technique, 1812
Standards, elimination of, in determination of whole blood specific gravity by falling-drop technique, 1681
Staphylococci, coagulase test for, 1864 (Abst.)
effect of sulfapyridine and sulfanilamide on, 1756
pathogenicity of, use of slide agglutination to determine, 1865 (Abst.)
septicemia, 1232 (Abst.)
Staphylococcus toxin, effect of sulfapyridine on, 1111
Stereotaxic instrument, Horsley-Clarke's, stand for aseptic operations with, 1657
Sterility, male, testicular biopsy in, 1708 (Abst.)
menstrual disorders and, diagnosis and treatment of, 1709 (B. Rev.)
Sternal marrow, aspirated, method for preparing smears and sections of, 1784
Stools, composition of, effect of bran on, 1774
human blood and human protein in, immunologic test for, 1030
infective, in infantile paralysis, 1906
Straw, cellophane, used as an ink-writing pointer in kymographic work, 1650
Streptococci, human hemolytic, 435 (Abst.)
Streptococcus, convalescent serums, scarlatinal, 1991 (Abst.)
Stroma in polycythemia and beef embryo, 1492
Strongyloides stercoralis infestation, case of, 1608
Subcutaneous administration of protamine (salmine) to rabbits and mice, effect of, 1416
Sugar, blood, normal values in children, 1864 (Abst.)
parotid gland on, influence of, 1009

Sugar—Cont'd
in biological fluids, photometric determination of, 1969
medium for identification of colon-typhoid group, 1951
urine, estimation of, 1220
Sulfanilamide, absorption of, 371, 594 (Abst.)
and its derivatives, test for, 401
anti-enzymatic nature of bacteriostatic action of, 1072 (Abst.)
clinical, toxicity of, 592 (Abst.)
determination in blood, 887
source of error in, 1052
effect of, on blood pigments, 1234 (Abst.)
on hemoglobin metabolism and hepatic function, 591 (Abst.)
on staphylococci and B. coli, 1756
hepatitis, toxic, due to, 785
micro bedside test for determination of, 914 (Abst.)
on acid-base balance, effect of, 1154
patients under treatment with, 1989 (Abst.)
relation of p-aminobenzoic acid to action of, 917 (Abst.)
toxic effects of, in anoxia, 479
Sulfapyridine and barbiturates, combined effects, in treatment of pneumonia, 793
and serum in treatment of pneumonia, 1556 (Abst.)
clinical toxicity of, 592 (Abst.)
determination of, source of error in, 1052
effect of, on blood pigments, 1234 (Abst.)
on hemoglobin metabolism and hepatic function, 591 (Abst.)
on staphylococci and B. coli, 1756
on staphylococcus toxin, 1111
in blood, level of, 1863 (Abst.)
in experimental brucellosis, 616
in pneumococcus infected mice, therapeutic effect of, 1915
in type I pneumococcus infection of albino rats, 1284
overdosage, 1256
prolonged administration of, 1399 (Abst.)
sodium, 314
therapy, clinical aspects of, 919
renal lesion with, 436 (Abst.)
toxic effects of, in anoxia, 479
treatment of meningitis with, 1705 (Abst.)
pneumonia with, 1866 (Abst.)
Sulfate, inorganic, significance of concentration of, in serum, 1864 (Abst.)
Sulfathiazole, crystalline concretions in renal tubules following, 594 (Abst.)
in blood and urine, 1706 (Abst.)
overdosage of, 1261
prolonged administration of, 1399 (Abst.)
Sulfocyanate, potassium depressor effect of, 658
Sulfonamides in dermatology, 1407
Sulfuric and nitric acids, cleaning mixture, 1797
Surface tension measurements of guinea pig complement, 1599
Sympathectomy, capillaroscopy before and after, 1742
Sympathomimetic substances, 25
Syphilis, 1236 (B. Rev.)
arsenic sensitization in therapy of, 126
latent, diagnosis of, 749 (Abst.)
serologic reactions for, in infectious mononucleosis, 1439
tests for, method for, intrastate evaluation of performance of, 1789
for transient positive, 791
serology of, 139
tests of, comparison of, 637
Syphilitic test, Kline, antigen pipette for, 562
Syringe outfit, rack for, 388
type glass electrode for measurement of blood pH, 884

T

Table, dissecting and operating, 1197
Takata-Ara reaction in cerebrospinal fluid, 1079
test in liver disease, 156
"Target-cell" anemia, 1398 (Abst.)
Tattoo machines, modified tube for, 1525
Technique for sedimentation rate, 542
Temperature, decreased, effects of, on activity of intact muscle, 1913
Temperature—Cont'd
for colorimetric determinations, 1062
paraffin oven, 559
Temperatures, body, lowering of, observations on, 1423
subcritical, human tissues subjected to, 753 (Abst.)
various, standardization of pH measurements with precision glass electrode, 892
Test, benzidine, for hemolysis, 736
circulation time, objective (fluorescein method), 1966
for sulfanilamide and its derivatives, 401
(galactose) for thyroid disease, 434 (Abst.)
gonococcus fixation test, 391
immunologic, for human blood and human protein in stools, 1030
in diagnosis of latent syphilis, 749 (Abst.)
line, for vitamin D, osteotropic dyes in, 714
liver function, hippuric acid, 1330
micro, of plasma prothrombin, 723
microfragility, for measuring erythrocyte resistance, 703
phenolphthalein, for gastrointestinal lesions, 687
phenolsulphonephthalein, of renal function, 587
serum amylase, 1901
Takata-Ara, in liver disease, 156
thermal reaction in rabbit, 1461
Visscher-Bowman, chemical, for pregnancy, 1374
Woldman, influence of phenolphthalein on, 1148
Testicular biopsy, 1708 (Abst.)
Testing fluids, preparation of anti-M, anti-N, anti-A, and anti-B testing fluids, 1338
Tests, clearance, in relation to renal pathology, 796
dextrose tolerance, 436 (Abst.)
for occult blood in stools, effect of ingested iron on, 727
for syphilis, comparison of, 637
glucose tolerance, results of, 1506
serologic, for syphilis, method for intrastate evaluation of, 1789
transient positive, 791
tuberculin, routine, significant errors in, 1652
Tetraiodophenolphthalein tests, 332
Therapeutic effect of sulfapyridine in pneumococcus infected mice, 1915
use, organic chemicals for, 131
Therapeutics, pharmacological basis of, 1710 (B. Rev.)
Therapy, dermatologic, some recent advances in, 1403
histamine, in allergy, 499
liver, eosinophilia following, 457
miscellaneous, 1411
sulfapyridine, clinical aspects, 919
Thermal reaction test in rabbit, 1461
Thiamin, 20
interaction with acetylcholine, 21
Thiocyanate and body fluid analyses, measurement of extracellular fluid volume with, 1383
Thrombocytopen, further observations on, 1266
Thrombocytopenic purpura, 96, 913 (Abst.)
in guinea pig, 648
interrelationship of factors in, 489
Thyreoactivator-treated guinea pigs, apparatus for studying oxygen consumption of, 1521
Thyroid disease, test (galactose) for, 434 (Abst.)
gland, disease of, alteration of glucose tolerance in, 360
Thyroparathyroidectomy, 1086
Thyroxin, effect of, on sensitivity to egg albumen and ragweed pollen extracts in guinea pig, 1603
Tiselius, apparatus of, 176
Tissue, carbon tetrachloride from, recovery of, 719
combined stain for fat and elastic, 1991 (Abst.)
fluids in diuresis, 211
freezing of, with "dry ice" for micotome sectioning of entire brain, 1799
gram-positive organisms in frozen sections, method of staining, 1076 (Abst.)

Tissue—Cont'd
Hamdi's preserving solution, 915 (Abst.)
macrophage, 91
staining fat in frozen sections with osmic acid, 1991 (Abst.)
within, method of, 1554 (Abst.)
subjected to subcritical temperatures, pathologic changes in, 753 (Abst.)
Tobacco, cutaneous manifestation from, 1399 (Abst.)
Toluol, anti-M and anti-N agglutinins with, preservation of, 866
Torula infection of central nervous system, 299
meningitis, 258
Toxemias of late pregnancy, blood during, 664
Toxic effects of sulfanilamide, sulfapyridine, and rodilone in anoxia, 479
hepatitis due to sulfanilamide, 785
reactions with gold salts in treatment of rheumatoid arthritis, 1629
Toxin, staphylococcus, effect of sulfapyridine on, 1111
Transfusion, blood "banks" in, 82
of preserved blood, leucocyte count following, 1911
Trichinella spiralis, 917 (Abst.)
Trichinosis, incidence of, 753 (Abst.)
Tropical diseases, Manson's, 439 (B. Rev.)
Trypanocides, 136
Tube for tattoo machines, 1525
hematocrit, filling pipette, 1348
Tubercle bacilli, demonstration of, 1396 (Abst.)
differentiated from smegma bacillus, 1705 (Abst.)
effect of egg oil on, 1073 (Abst.)
Tuberculin reaction, instability of, 1397 (Abst.)
tests, routine, significant errors in, 1652
Tuberculosis, 287
pulmonary, monilia simulating, 624
Tubes and bottles, culture, bacteriologic, cotton-plug wrapping machine for, 1040
composition, as substitute for glass, 1957
intubation, for insufflation anesthesia in dogs, 854
Tumor, artificial, in brains of cats, production of, 1778
asphyxia of, combinations of chemicals in, 1120
cell, of frontal bone, 319
giant cell, of bone, 1705 (Abst.)
of spleen, primary malignant, 630
of vulva, 591 (Abst.)
Turntable for staining jars, 562
Typhoid carriers, 1072 (Abst.)
fever, bone marrow in, bacteriologic culture of, 1024
vaccine, protective antibodies produced by, 1583

U

Ulcerative colitis, relation of nasopharynx to, 1925
Urea determination for routine blood chemistry, 405
in blood and urine, 437 (Abst.)
nitrogen of blood, microdetermination of, 874
Urinary androgens, extraction of, 881
infections, organized sediment following pyridium administration in, 1768
porphyrin before and after hydrolysis, 1676
sodium, volumetric determination of, 889
tract, chemotherapy in nonspecific infections of, 1863 (Abst.)
Urine, acetone and acetoacetic acid in, 1216
acetylcholine in, study of, 842
alcohol in, determination of, 399
ascorbic acid in, determination of, 1542
bilirubin in, comparison of tests for, 1234 (Abst.)
photelometric determination of, 423
calcium in, determination of, 585
chemical constituents, 214
concentrate, in acute glomerulonephritis, capacity of kidney to, 1160
control of urinary reaction, 752 (Abst.)
creatine in, conversion of creatinine into, 1673
formation of, 751 (Abst.)
hippuric acid in, determination of, 729
iodine content of, in normal persons, 1942
Urine—Cont'd
isolation of paratyphoid, dysentery, and typhoid from, 592 (Abst.)
magnesium content of, 521
nicotinic acid in, determination of, 1042
sugar, estimation of, 1220
sulfathiazole in, 1706 (Abst.)
urea in, 437 (Abst.)
Urticaria, treatment of, 501
Uterotubal insufflation, experimental, 1447
in rabbit, experimental, 1129

V

Vaccine, autogenous, administration of, to persons with low-grade chronic illness, 1453
typhoid, protective antibodies produced by, 1583
Vaginal smears, staining, 1200
Variations in composition of gastric juice, 682
Vasodilators, 135
Vasomotor rhinitis, 802
Vein, ear, of rabbit, aid in injection of, 1956
Velocity, blood, determination of, by lobeline, 766
Venom, Russell viper, prothrombin estimation using, 1366
"Venostasis" bleeding time technique, cutaneous, 1812
Venous blood cultures, 382
Ventricular failure, left, due to essential hypertension, 1891
Vertical illuminator for student microscope, 868
Vessel for measurement of pH and oxidation-reduction potential of bacterial cultures, 1513
Virulence of Corynebacteria, 553
testing, use of single guinea pig for, 863
Virus infections, 244
Viruses, 250
Visscher-Bowman chemical test for pregnancy, 1374
Vitamin A, 23
B_1 deficiency, blood pyruvate in, 1314
C, effect of, on workers exposed to lead dust, 1478
D, line test for, osteotropic dyes in, 714
E, 595 (B. Rev.)
K activity of 2-methyl-1, 4-naphthoquinone and 4-amino-2-naphthol in hypoprothrombinemia, 818
administered to mothers in labor, effect on newborn of, 1305
nutrition, determination of, 45
Vitamins and drugs with cell catalysts, interaction of, 20
Volume, blood, and extracellular fluid, in infants and children, 1708 (Abst.)
cell, of blood, measurement of, by Evans blue dye method, 1829
changes, blood, method for determining, by specific gravity studies, 1545
organized sediment, technique for study of, 1768
plasma, concentration after severe hemorrhage, 1144
Volumetric determination of urinary sodium, 889
Vulva, granulomas of, 434 (Abst.)
tumors of, 591 (Abst.)

W

Water concentration of blood during toxemias of late pregnancy, 664
Weil's disease in Hawaii, 750 (Abst.)
Weltmann's coagulation reaction, simple modification of, 1795
Westergren sedimentation rate technique, 1516
Wild plants, edible, 756 (B. Rev.)
Woldman test, influence of phenolphthalein on, 1148
Wrapping machine, cotton-plug, for bacteriologic culture tubes and bottles, 1040

X

X-ray studies, 454

Y

Yeast extract medium, dextrose, for isolation of fungi from sputum, 1195